



Emilio J. Alfaro Navarro

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Summary of CV

This section describes briefly a summary of your career in science, academic and research; the main scientific and technological achievements and goals in your line of research in the medium -and long- term. It also includes other important aspects or peculiarities.

In the attached CV you can see that since I began my career in 1976 at the IAA-CSIC as a fellow to being director of the Stellar System Group that I founded in 1988, member of the institute board and head of the Department of Radio Astronomy and Galactic Structure of the same center, I have developed three complementary aspects: research, teaching and dissemination. My main research interest is studying photometry, statistics and stellar system, developing different statistical methods for determining cluster members and applying the Kriging technique for the first time to solve astronomical problems. Since 2011 I have been involved in the Gaia ESO Survey (GES), whose objective is the determination of radial velocities and chemical abundances for around one hundred stellar clusters and some selected Galactic fields, and where I lead WG1. Currently, I am working on the connection between the spatial and kinematic structure of different stellar systems (clusters, stellar complexes, spiral arm segments, etc) and the processes of star formation driving those patterns. I have developed my research during several stays in international centres, as the Astronomical Institute of the University of Basel. I am the editor of 5 books and 3 chapters in books. I have published more than 200 refereed articles in NASA-ADS and more than 55 conference proceedings. I have been IP or Co-I of 34 R&D projects financed through competitive calls. I have been a member of the Time Allocation Committee for Calar Alto and Canary Island Observatories. I have been scientific advisor for different international, national and regional funding agencies. I have also been a referee for many scientific journals (eg Astronomy and Astrophysics). I was vice president from 2005 to 2008 and president from 2009 to 2012 of the Spanish Astronomical Society (SEA). I also was a founding member in 1992 of the SEA.

I actively practice the dissemination and teaching of astrophysics. I have been a lecturer at different universities (eg University of Colombia), participating in the official teaching of master's degrees and other courses. I was a professor at the University of Cádiz from 1981 to 1987. I am currently a lecturer of Cosmology and Galaxies of the Master's in Physics: Radiation, Nanotechnology, Particles and Astrophysics at the University of Granada since 2014. I am a member of the Academic Committee of "Physics and Space Science" Doctoral Program at University of Granada. I have been director of 11 doctoral thesis and final year projects. I have been a tribunal member of more than 35 PhD thesis evaluation (Egypt, Portugal, Spain). I am "Warranter" (Garante) of IAA-Severo Ochoa Excellence Award 2017 proposal (awarded in 2018) and member of the IAA-SO Scientific Committee member.

I participate in the organization and management of different outreach activities, such as the Lucas Lara conference cycle or the Initiation Project to Research and Innovation in Secondary in Andalusia (Proyecto de Iniciación a la Investigación e Innovación en Secundaria en Andalucía , PIISA), among others. I have been coordinator and presenter of two of the Cycles of Conferences organized by the Ateneo de Granada (Los orígenes and Luz, color, visión) in collaboration with the Institute of Astrophysics of Andalusia (IAA-CSIC). I have been the director of the Andalusian Strategy for the Dissemination of Astronomy (Director de la Estrategia Andaluza de Divulgación de la Astronomía , EADA) at the Fundación Descubre. I have more than 120 outreach publications (<https://ssg.iaa.csic.es/outreach/articles>). I am the director of the Andalusian Strategy for Astronomical Outreach (Fundación Descubre). I have



been awarded with the Jose Luis Comellas prix in 2019 for outreach activities. For the full list of all my outreach activities, see <https://ssg.iaa.csic.es/emilio-alfaro/outreach-emilio>.



General quality indicators of scientific research

This section describes briefly the main quality indicators of scientific production (periods of research activity, experience in supervising doctoral theses, total citations, articles in journals of the first quartile, H index...). It also includes other important aspects or peculiarities.

I started my scientific career in 1976, at the Instituto de Astrofísica de Andalucía (IAA-CSIC), Granada Spain. I defended my doctoral thesis at the University of Granada in 1981, having started it at the Institute of Astronomy of the University of Basel. I taught "Classical Mechanics" for 6 years at the University of Cadiz. I spent a sabbatical year, 1992-93, at Boston University. At the IAA I founded the research group "Stellar Systems" and the "Department of Radio Astronomy and Galactic Structure", one of the four scientific departments that make up the IAA today. I have participated in the management of the IAA in different positions. I have been a founding member (one of 39; 1992), and President of the Spanish Astronomical Society from 2009 to the end of 2012 and I have generated different initiatives connected with teaching and scientific dissemination.

During all these years my scientific project can be framed in the phenomenological study of star formation. That has led me to study different stellar systems with different spatial scales and their connection with the mechanisms that drive star formation. This project has led me to carry out different tasks such as: Teaching and directing students, managing scientific groups, and dissemination and popularization of science.

Some numbers summarize these tasks:

H-index 40 m-index 0.9
g-index 72
i10-index 150
i100-index 10
tori index 14.3
riq index 87
ResearchGate Score 45.45

Directed or co-directed doctoral theses: 6

Directed or co-directed TFMs y DEAS: 8

6 six-year periods

IP of 6 projects of the National Plan

More than 190 papers in Q1 journal

Emilio J. Alfaro Navarro

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Personal web page: **<https://ssg.iaa.csic.es/emilio-alfaro>**

Current professional situation

Employing entity: Consejo Superior de Investigaciones Científicas **Type of entity:** State agency
Department: Radioastronomy and Galactic Structure, Instituto de Astrofísica de Andalucía
Professional category: Senior Research Scientist
City employing entity: Granada, Andalusia, Spain
Phone: (+34) 958121311 - 568 **Email:** emilio@iaa.es
Start date: 12/06/2006
Type of contract: Civil servant **Dedication regime:** Full time
Primary (UNESCO code): 210303 - Spectroscopy; 210399 - Other; 219900 - Other astronomical specialities
Identify key words: Physics chemical and mathematical
Field of management activity: Public Research Body

Previous positions and activities

	Employing entity	Professional category	Start date
1	Consejo Superior de Investigaciones Científicas	Staff Researcher	1993
2	Boston University	Visiting Scholar	1992
3	Consejo Superior de Investigaciones Científicas	Staff Researcher	1987
4	Universidad de Cádiz	Associate Professor	1986
5	Universidad de Cádiz	Assistant Professor	1982
6	Universidad de Cádiz	Assistant Professor	1981
7	Consejo Superior de Investigaciones Científicas	PhD student	1978
8	Consejo Superior de Investigaciones Científicas	Intern	1977

1 **Employing entity:** Consejo Superior de Investigaciones Científicas **Type of entity:** State agency
Department: Radioastronomy and Galactic Structure, Instituto de Astrofísica de Andalucía



City employing entity: Granada, Andalusia, Spain
Professional category: Staff Researcher
Start-End date: 1993 - 2006
Type of contract: Civil servant

2 **Employing entity:** Boston University **Type of entity:** University
Department: Astronomy department
City employing entity: Boston, United States of America
Professional category: Visiting Scholar **Educational Management (Yes/No):** No
Start-End date: 1992 - 1993 **Duration:** 12 months
Type of contract: Visitor
Performed tasks: Investigation. Sabbatical term financed by the Spanish administration.

3 **Employing entity:** Consejo Superior de **Type of entity:** State agency
Investigaciones Científicas
Department: Radioastronomy and Galactic Structure, Instituto de Astrofísica de Andalucía
City employing entity: Granada, Andalusia, Spain
Professional category: Staff Researcher
Start-End date: 1987 - 1992
Type of contract: Civil servant

4 **Employing entity:** Universidad de Cádiz **Type of entity:** University
City employing entity: Cádiz, Andalusia, Spain
Professional category: Associate Professor **Educational Management (Yes/No):** Yes
Start-End date: 1986 - 1987
Type of contract: Civil servant
Field of management activity: University

5 **Employing entity:** Universidad de Cádiz **Type of entity:** University
City employing entity: Cádiz, Andalusia, Spain
Professional category: Assistant Professor **Educational Management (Yes/No):** Yes
Start-End date: 1982 - 1986
Type of contract: Permanent employment contract
Field of management activity: University

6 **Employing entity:** Universidad de Cádiz **Type of entity:** University
Department: Facultad de Ciencias
City employing entity: Cádiz, Andalusia, Spain
Professional category: Assistant Professor **Educational Management (Yes/No):** Yes
Start-End date: 1981 - 1982 **Duration:** 15 months
Type of contract: Temporary
Dedication regime: Full time
Performed tasks: Teaching and research Professor of Mechanics and Waves of the 2nd year of the Chemistry Degree from October 1981 to February 1987. I also taught a doctoral course on Discriminant Analysis
Identify key words: Physics & space science
Field of management activity: University
Applicability in teaching and/or research: I continued my research in collaboration with the Institute of Astrophysics of Andalusia (CSIC) participating in the projects developed by the IAA.



- 7** **Employing entity:** Consejo Superior de Investigaciones Científicas **Type of entity:** State agency
Department: Instituto de Astrofísica de Andalucía
City employing entity: Granada, Andalusia, Spain
Professional category: PhD student
Start-End date: 1978 - 1981 **Duration:** 4 years
Type of contract: Grant-assisted student (pre or post-doctoral, others)
Dedication regime: Full time
Performed tasks: Completion of my doctoral thesis directed by José Manuel García Pelayo and José María Quintana González. During this stage I visited the Institute of Astronomy of the University of Basel (Switzerland) three times with an average duration of three months per visit.
Applicability in teaching and/or research: Beginning of my research training
- 8** **Employing entity:** Consejo Superior de Investigaciones Científicas **Type of entity:** State agency
Department: Instituto de Astrofísica de Andalucía
City employing entity: Granada, Andalusia, Spain
Professional category: Intern **Educational Management (Yes/No):** No
Start-End date: 1977 - 1978 **Duration:** 1 year
Type of contract: Meritorious Scholar
Performed tasks: Beginning of my research work with the completion of the dissertation, read in 1977 at the University of Seville under the direction of Dr. Ángel Rolland Quintanilla.
Applicability in teaching and/or research: Beginning of my research training and beginning in astronomical observation.



Education

University education

1st and 2nd cycle studies and pre-Bologna degrees

1 **University degree:** Tesina

Name of qualification: Master Degree in Physics (Tesina)

City degree awarding entity: Sevilla, Andalusia, Spain

Degree awarding entity: Universidad de Sevilla **Type of entity:** University

Date of qualification: 09/1977

2 **University degree:** Higher degree

Name of qualification: Degree in Physics (Licenciatura)

City degree awarding entity: Sevilla, Andalusia, Spain

Degree awarding entity: Universidad de Sevilla **Type of entity:** University

Date of qualification: 06/1976

Doctorates

Doctorate programme: Official PhD Program in Physical Sciences

Degree awarding entity: Universidad de Granada **Type of entity:** University

City degree awarding entity: Granada, Andalusia, Spain

Date of degree: 27/06/1981

DEA awarding entity: Universidad de Sevilla

Date DEA was awarded: 09/1977

Thesis title: RGU photographic photometry of a star field in the Carina region and close to the cluster IC2581

Thesis director: José Manuel García Pelayo

Thesis co-director: José María Quintana González

Obtained qualification: Sobresaliente Cum Laude

Language skills

Language	Listening skills	Reading skills	Spoken interaction	Speaking skills	Writing skills
French	B1	C1	B1	B1	B2
English	B1	C1	B2	B1	C1



Teaching experience

General teaching experience

- 1** **Type of teaching:** Official teaching
Name of the course: Galaxy Physics
Professional category: Investigador Científico del CSIC
Type of programme: Master's degree **Type of teaching:** In person theory
Type of subject: Optional
University degree: Advanced Methods and Techniques in Physics
Course given: Galaxy Physics
Start date: 2006 **End date:** 2013
Type of hours/ ECTS credits: Credits
Entity: Universidad de Granada **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias
City of entity: Granada, Andalusia, Spain
Subject language: Spanish
- 2** **Name of the course:** What do we astronomers do? The formation of the Milky Way
University degree: Introduction to Astronomy VII: Planets and Galaxies
Start date: 01/08/2008 **End date:** 31/08/2008
Entity: Universidad de Córdoba **Type of entity:** University
City of entity: Córdoba, Andalusia, Spain
- 3** **Name of the course:** Milky Way, Star Systems, Interstellar Medium
University degree: Introduction to Astrophysics
Start date: 01/10/2007 **End date:** 31/10/2007
Entity: Universidad de Sevilla **Type of entity:** University
City of entity: Sevilla, Andalusia, Spain
- 4** **Type of teaching:** Practical work (classroom-problems)
Type of subject: Modular
University degree: IV Colombian School of Astronomy
Start date: 07/2007 **End date:** 08/2007
Entity: Universidad Nacional de Colombia sede Bogotá **Type of entity:** University
y Observatorio Astronómico Nacional
City of entity: Bogotá, Colombia
- 5** **Name of the course:** Explorers of the Universe
University degree: By the sea, without borders program
Start date: 01/07/2007 **End date:** 31/07/2007
Entity: Universidad Internacional de Gandía **Type of entity:** University
City of entity: Gandía, Valencian Community, Spain
- 6** **Type of teaching:** Official teaching
Name of the course: Galactic Physics
Type of programme: Doctorate



University degree: PhD Program
Start date: 1988
Entity: Universidad de Granada
City of entity: Granada, Andalusia, Spain

End date: 2006
Type of entity: University

7 **Type of teaching:** Official teaching
Name of the course: Classical Mechanics
Type of programme: Bachelor's degree
Type of subject: Core
University degree: Degree in Chemistry
Course given: 2º
Start date: 01/10/1981
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 100
Entity: Universidad de Cádiz
Faculty, institute or centre: Facultad de Ciencias
Department: Physics department
City of entity: Cádiz, Andalusia, Spain
Subject language: Spanish

Type of teaching: In person theory

Frequency of the activity: 5
End date: 14/02/1987

Type of entity: University

8 **Type of teaching:** Official teaching
Name of the course: Cosmology and galaxies
Professional category: Investigador Científico del CSIC
Type of programme: Master's degree
Type of subject: Optional
University degree: Master in Physics: Radiation, Nanotechnology, Particles and Astrophysics
Course given: Cosmología y Galaxias
Start date: 2014
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 2
Entity: Universidad de Granada
Faculty, institute or centre: Facultad de Ciencias
City of entity: Granada, Andalusia, Spain
Subject language: Spanish

Type of teaching: In person theory

Frequency of the activity: 5

Type of entity: University

9 **Type of teaching:** Official teaching
Name of the course: Galaxias y cosmología
Type of programme: Master's degree
Type of subject: Optional
University degree: Master Universitario en Física: Radiaciones, Nanotecnología, Partículas y Astrofísica
Start date: 2014
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 1
Entity: Universidad de Granada
City of entity: Granada, Andalusia, Spain

Type of teaching: In person theory



Experience supervising doctoral thesis and/or final year projects

- 1** **Project title:** Subestructuras en el espacio-fase de la región de formación estelar de Mon OB1
Entity: Universidad de Granada **Type of entity:** University
Student: Llanos Martínez Fernández
Date of reading: 04/2021
- 2** **Project title:** Propiedades cinemáticas de la componente estelar de ALHAMBRA
Type of project: Master Thesis
Entity: Universidad de Granada **Type of entity:** University
City of entity: Granada, Andalusia, Spain
Student: Elena Bazo González
Obtained qualification: 9
Date of reading: 06/2020
- 3** **Project title:** GALANTE: Photometric System and Galactic Plane Survey
Type of project: Doctoral thesis
Co-director of thesis: Jesús Maíz Apellániz
Entity: Universidad de Granada **Type of entity:** University
City of entity: Granada, Andalusia, Spain
Student: Antonio Lorenzo Gutiérrez
Obtained qualification: Sobresaliente Cum Laude
Date of reading: 2019
- 4** **Project title:** Caracterización de sistemas estelares en espacios de N-dimensiones: Simulaciones y aplicación al catálogo astrométrico UCAC4
Type of project: Doctoral thesis
Entity: Universidad de Granada **Type of entity:** University
City of entity: Granada, Andalusia, Spain
Student: Laura María Sampedro Hernández
Obtained qualification: Sobresaliente Cum Laude
Date of reading: 10/06/2016
- 5** **Project title:** Calibration, Characterization and Analysis of the ALHAMBRA Photometric System
Type of project: Doctoral thesis
Co-director of thesis: Mariano Moles Villamate
Entity: Universidad de Granada **Type of entity:** University
City of entity: Granada, Andalusia, Spain
Student: Teresa Aparicio Villegas
Obtained qualification: Sobresaliente Cum Laude
Date of reading: 2012
- 6** **Project title:** Cúmulos Estelares: un nuevo método de análisis de pertenencia
Type of project: Work leading to an ASD
Co-director of thesis: Jorge Peñarrubia Garrido
Entity: Universidad de Granada **Type of entity:** University
City of entity: Granada, Andalusia, Spain
Student: Laura Sampedro Hernández
Obtained qualification: Sobresaliente



Date of reading: 2012

7 Project title: Kinematics and Star Formation in a Sample of Nearby Galaxies

Type of project: Doctoral thesis

Co-director of thesis: Enrique Pérez Jiménez

Entity: Universidad de Granada

Type of entity: University

City of entity: Granada, Andalusia, Spain

Student: M^a Carmen Sánchez Gil

Obtained qualification: Sobresaliente Cum Laude

Date of reading: 2011

8 Project title: Sistema fotométrico ALHAMBRA: caracterización, calibración fotométrica y determinación de puntos cero

Type of project: Work leading to an ASD

Co-director of thesis: Mariano Moles Villamate

Entity: Universidad de Granada

Type of entity: University

City of entity: Granada, Andalusia, Spain

Student: Teresa Aparicio Villegas

Obtained qualification: Sobresaliente

Date of reading: 2008

9 Project title: Aspectos estructurales y cinemáticos del disco galáctico joven

Type of project: Doctoral thesis

Co-director of thesis: Jesús Cabrera Caño

Entity: Universidad de Sevilla

Type of entity: University

City of entity: Sevilla, Andalusia, Spain

Student: Federico Elías Schliserman

Obtained qualification: Sobresaliente Cum Laude

Date of reading: 2006

10 Project title: Espectroscopía de una región de formación estelar NGC6946

Type of project: Work leading to an ASD

Co-director of thesis: Enrique Pérez Jiménez

Entity: Universidad de Granada

Type of entity: University

City of entity: Granada, Andalusia, Spain

Student: M^a Carmen Sánchez Gil

Obtained qualification: Sobresaliente

Date of reading: 2006

11 Project title: Análisis de métodos de determinación de la metalicidad de estrellas Cefeidas a partir de fotometría Stromgren

Type of project: Work leading to an ASD

Entity: Universidad de Granada

Type of entity: University

City of entity: Granada, Andalusia, Spain

Student: Salvador Castillo Rivera

Obtained qualification: Sobresaliente

Date of reading: 2005

12 Project title: Condiciones Físicas en Galaxias HII

Type of project: Work leading to an ASD

Co-director of thesis: Jose Manuel Vilchez Medina



Entity: Universidad de Granada

City of entity: Granada, Andalusia, Spain

Student: Carolina Kehrig

Obtained qualification: Sobresaliente

Date of reading: 2005

Type of entity: University

13 Project title: Estructura espacial de regiones III en Galaxias

Type of project: Work leading to an ASD

Entity: Universidad de Granada

City of entity: Granada, Andalusia, Spain

Student: Ángel Sánchez Colín

Obtained qualification: Sobresaliente

Date of reading: 2002

Type of entity: University

14 Project title: Formación estelar y estructura espacial en el disco galáctico

Type of project: Doctoral thesis

Co-director of thesis: Emilio Alfaro Navarro

Entity: Universidad de Granada

City of entity: Granada, Andalusia, Spain

Student: André Moitinho

Obtained qualification: Sobresaliente Cum Laude

Date of reading: 1999

Type of entity: University

Other activities/achievements not included above

1 Description of the activity: Member of 21 doctoral thesis qualifying boards

End date: 2021

2 Description of the activity: Representative of the Consejo Superior de Investigaciones Científicas (CSIC), within the management committee, of the Initiation Project to Research and Innovation in Secondary Education in Andalusia (Proyecto de Iniciación a la Investigación e Innovación en Secundaria en Andalucía, PIISA)

Organising entity: Consejo Superior de Investigaciones Científicas

Type of entity: State agency

End date: 2018

3 Description of the activity: UAL summer course, "La luz que nos llega del cielo"

Organising entity: Universidad de Almería

Type of entity: University

End date: 2017

4 Description of the activity: Azarquiel School of Astronomy-Stellar Systems, "A Hierarchy of Ages, Sizes and Processes"

Organising entity: Universidad de Granada

Type of entity: University

End date: 2010

5 Description of the activity: Founder, together with the professor of the Institute of Secondary Education Mr. Francisco Javier Pérez Cáceres, of the Initiation Project to Research and Innovation in Secondary in Andalusia (Proyecto de Iniciación a la Investigación e Innovación en Secundaria en Andalucía, PIISA)

Organising entity: Universidad de Granada

Type of entity: University

End date: 2010



Scientific and technological experience

Scientific or technological activities

R&D projects funded through competitive calls of public or private entities

- 1** **Name of the project:** Los galácticos de la Galaxia: estrellas masivas, cúmulos estelares y el centro galáctico (PGC2018-095049-B-C21)

Type of project: Basic research (including archaeological digs, etc) **Geographical area:** National

Degree of contribution: Scientific coordinator

Entity where project took place: Instituto de Astrofísica de Andalucía, CSIC **Type of entity:** State agency

City of entity: Granada, Andalusia, Spain

Name principal investigator (PI, Co-PI...): Rainer Schoedel; Emilio J. Alfaro Navarro

Nº of researchers: 3

Type of participation: Team member

Name of the programme: PGC

Code according to the funding entity: PGC2018-095049-B-C21

Start-End date: 01/01/2019 - 31/12/2022 **Duration:** 4 years

Total amount: 192.753 € **Sub-project amount:** 192.753 €

Dedication regime: Full time
- 2** **Name of the project:** Cartografiando el cielo: sondeos en el óptico e infrarrojo de la Vía Láctea

Type of project: Basic research (including archaeological digs, etc) **Geographical area:** National

Degree of contribution: Coordinator of total project, network or consortium

Entity where project took place: Instituto de Astrofísica de Andalucía, CSIC **Type of entity:** State agency

City of entity: Granada, Andalusia, Spain

Name principal investigator (PI, Co-PI...): Emilio J. Alfaro Navarro

Nº of researchers: 3

Type of participation: Co-ordinator

Name of the programme: PNAyA

Code according to the funding entity: AYA2016-75931-C2-1-P

Start-End date: 30/12/2016 - 30/06/2019 **Duration:** 2 years - 6 months

Total amount: 71.390 € **Sub-project amount:** 192.753 €

Dedication regime: Full time
- 3** **Name of the project:** Mapping the sky: optical and infrared galactic surveys

Geographical area: National

Degree of contribution: Coordinator of total project, network or consortium

Entity where project took place: Instituto de Astrofísica de Andalucía **Type of entity:** State agency

City of entity: Granada, Andalusia, Spain

Name principal investigator (PI, Co-PI...): Emilio J. Alfaro Navarro

Nº of researchers: 15



Code according to the funding entity: AYA2013-40611-P

Start-End date: 01/01/2014 - 31/12/2016

Duration: 3 years

Total amount: 252.000 €

4 Name of the project: Gaia Research for European Astronomy Training (GREAT ITN, Initial Training Network)

Entity where project took place: Institute of Astronomy, Cambridge University

City of entity: Cambridge, United Kingdom

Name principal investigator (PI, Co-PI....): Nicholas A. Walton

Funding entity or bodies:

CENTRO DE ACUSTICA APLICADA Y
EVALUACION NO DESTRUCTIVA

Type of entity: Associations and Groups

Name of the programme: Seventh Framework Programme (FP7)

Code according to the funding entity: 264895

Start-End date: 01/03/2011 - 28/02/2015

Total amount: 4.250.580 €

5 Name of the project: Gaia Research for European Astronomy Training (GREAT)

Degree of contribution: Researcher

Entity where project took place: Institute of Astronomy, Cambridge University

City of entity: Cambridge, United Kingdom

Name principal investigator (PI, Co-PI....): Nicholas A. Walton

Funding entity or bodies:

European Science Foundation

Type of entity: European Agency

Name of the programme: Research Networking Programmes

Code according to the funding entity: 08-RNP-118

Start-End date: 18/02/2010 - 17/02/2015

Total amount: 735.000 €

6 Name of the project: Violent Star Formation; the Relationship between Stars and Gas

Entity where project took place: Instituto de
Astrofísica de Andalucía

Type of entity: State agency

Name principal investigator (PI, Co-PI....): Rosa M^a González Delgado

Start-End date: 01/01/2011 - 31/12/2014

Total amount: 323.796 €

7 Name of the project: Cúmulos estelares, catas del Universo local

Geographical area: National

Degree of contribution: Coordinator of total project, network or consortium

Entity where project took place: Instituto de
Astrofísica de Andalucía

Type of entity: State agency

City of entity: Granada, Andalusia, Spain

Name principal investigator (PI, Co-PI....): Emilio J. Alfaro Navarro

Nº of researchers: 12

Code according to the funding entity: AYA2010-17631

Start-End date: 01/01/2011 - 31/12/2013

Duration: 1095 days

Total amount: 580.000 €



- 8** **Name of the project:** Explotación de los nuevos recursos observacionales del Observatorio Europeo del Sur (ESO) y de Calar Alto (CAHA)
Geographical area: Regional
Degree of contribution: Coordinator of total project, network or consortium
Entity where project took place: Instituto de Astrofísica de Andalucía **Type of entity:** State agency
City of entity: Granada, Andalusia, Spain
Name principal investigator (PI, Co-PI....): Emilio J. Alfaro Navarro
N° of researchers: 11
Code according to the funding entity: P08-TIC-04075
Start-End date: 13/01/2009 - 13/01/2013 **Duration:** 1461 days
Total amount: 478.847,36 €
- 9** **Name of the project:** Primera ciencia con GTC
Geographical area: National
Degree of contribution: Researcher
Entity where project took place: Instituto de Astrofísica de Canarias **Type of entity:** Public Research Body
City of entity: La Laguna, Canary Islands, Spain
Name principal investigator (PI, Co-PI....): Jose Manuel Rodríguez Espinosa
Code according to the funding entity: CSD2006-00070
Start-End date: 2006 - 2012
- 10** **Name of the project:** Congreso Stellar Clusters & Associations: a RIA workshop on Gaia
Degree of contribution: Coordinator of total project, network or consortium
Entity where project took place: Instituto de Astrofísica de Andalucía **Type of entity:** State agency
City of entity: Granada, Andalusia, Spain
Name principal investigator (PI, Co-PI....): Emilio J. Alfaro Navarro
Code according to the funding entity: AYA2010-11936-E
Start-End date: 23/05/2011 - 27/05/2011
Total amount: 9.500 €
- 11** **Name of the project:** Astropartículas y Cosmología en el Observatorio de Calar Alto
Entity where project took place: Instituto de Astrofísica de Andalucía **Type of entity:** State agency
City of entity: Granada, Andalusia, Spain
Name principal investigator (PI, Co-PI....): Mariano Jesús Moles Villamate; Emilio Javier Alfaro Navarro
N° of researchers: 7
Code according to the funding entity: P06-FQM01392
Start-End date: 12/04/2007 - 12/04/2010
Total amount: 250.000 €
- 12** **Name of the project:** Mapas de edad de una muestra de galaxias espirales
Degree of contribution: Coordinator of total project, network or consortium
Entity where project took place: Instituto de Astrofísica de Andalucía **Type of entity:** State agency
City of entity: Granada, Andalusia, Spain
Name principal investigator (PI, Co-PI....): Emilio J. Alfaro Navarro
Code according to the funding entity: 201050E044
Start-End date: 2010 - 2010



Total amount: 13.400 €

- 13 Name of the project:** Formación estelar en Sistemas Estelares
Geographical area: National
Degree of contribution: Coordinator of total project, network or consortium
Entity where project took place: Instituto de Astrofísica de Andalucía **Type of entity:** State agency
City of entity: Granada, Andalusia, Spain
Name principal investigator (PI, Co-PI...): Emilio J. Alfaro Navarro
Nº of researchers: 12
Code according to the funding entity: AYA2007-64052
Start-End date: 01/10/2007 - 2010 **Duration:** 1095 days
Total amount: 330.630,13 €
- 14 Name of the project:** Programa de difusión y divulgación científica y técnica del IAA
Geographical area: National
Degree of contribution: Researcher
Entity where project took place: Instituto de Astrofísica de Andalucía **Type of entity:** State agency
City of entity: Granada, Andalusia, Spain
Name principal investigator (PI, Co-PI...): Antxon Alberdi Odriozola
Code according to the funding entity: 200656A296
Start-End date: 2006 - 2007
- 15 Name of the project:** Estallidos de formación estelar en Galaxias
Geographical area: National
Degree of contribution: Researcher
Entity where project took place: Instituto de Astrofísica de Andalucía **Type of entity:** State agency
City of entity: Granada, Andalusia, Spain
Name principal investigator (PI, Co-PI...): Jose Manuel Vilchez Medina
Nº of researchers: 6
Code according to the funding entity: AYA2004-08260-C03-02
Start-End date: 28/12/2004 - 2007 **Duration:** 1096 days
Total amount: 180.400 €
- 16 Name of the project:** Estudio en los rangos visible e infrarrojo de Estrellas de Pre-Secuencia Principal
Geographical area: National
Degree of contribution: Coordinator of total project, network or consortium
Entity where project took place: Instituto de Astrofísica de Andalucía **Type of entity:** State agency
City of entity: Granada, Andalusia, Spain
Name principal investigator (PI, Co-PI...): Emilio J. Alfaro Navarro NAVARRO
Nº of researchers: 5
Code according to the funding entity: AYA2004-05395
Start-End date: 12/12/2004 - 2007 **Duration:** 1095 days
Total amount: 62.500 €
- 17 Name of the project:** Programa de difusión y divulgación científica y técnica del IAA
Geographical area: National
Degree of contribution: Researcher



Entity where project took place: Instituto de Astrofísica de Andalucía
Type of entity: State agency
City of entity: Granada, Andalusia, Spain
Name principal investigator (PI, Co-PI....): Antxon Alberdi Odriozola
Code according to the funding entity: 200556A267
Start-End date: 2005 - 2006

18 Name of the project: Programa de difusión y divulgación científica y técnica del IAA
Geographical area: National
Degree of contribution: Researcher
Entity where project took place: Instituto de Astrofísica de Andalucía
Type of entity: State agency
City of entity: Granada, Andalusia, Spain
Name principal investigator (PI, Co-PI....): Antxon Alberdi Odriozola
Code according to the funding entity: 200456A049
Start-End date: 2004 - 2005

19 Name of the project: Programa de difusión y divulgación científica y técnica del IAA
Geographical area: National
Degree of contribution: Researcher
Entity where project took place: Instituto de Astrofísica de Andalucía
Type of entity: State agency
City of entity: Granada, Andalusia, Spain
Name principal investigator (PI, Co-PI....): Antxon Alberdi Odriozola
Code according to the funding entity: 200356A209
Start-End date: 2003 - 2004

20 Name of the project: Estallidos de formación estelar en Galaxias
Geographical area: National
Degree of contribution: Researcher
Entity where project took place: Instituto de Astrofísica de Andalucía
Type of entity: State agency
City of entity: Granada, Andalusia, Spain
Name principal investigator (PI, Co-PI....): Jose Manuel Vilchez Medina
N° of researchers: 10
Code according to the funding entity: AYA2001-3939-C03-01
Start-End date: 28/12/2001 - 2004
Duration: 1095 days
Total amount: 100.795 €

21 Name of the project: OSIRIS-instrumento de día 1 para GTC
Geographical area: National
Degree of contribution: Researcher
Entity where project took place: Instituto de Astrofísica de Canarias
Type of entity: Public Research Body
City of entity: La Laguna, Canary Islands, Spain
Name principal investigator (PI, Co-PI....): Jordi Cepa Nogué
N° of researchers: 2
Code according to the funding entity: AYA2000-0333-P4-02
Start-End date: 12/12/2001 - 2004
Duration: 1096 days
Total amount: 2.019.400,67 €



- 22** **Name of the project:** Caracterización Observacional de Estrellas de Pre-Secuencia Principal
Geographical area: National
Degree of contribution: Coordinator of total project, network or consortium
Entity where project took place: Instituto de Astrofísica de Andalucía **Type of entity:** State agency
City of entity: Granada, Andalusia, Spain
Name principal investigator (PI, Co-PI....): Emilio J. Alfaro Navarro
Nº of researchers: 4
Code according to the funding entity: AYA2001-1696
Start-End date: 2001 - 2004 **Duration:** 1076 days
Total amount: 103.675 €
- 23** **Name of the project:** Organización del Congreso "How does the galaxy works? A galactic tertulia with Don Cox & Ron Reynolds
Degree of contribution: Coordinator of total project, network or consortium
Entity where project took place: Instituto de Astrofísica de Andalucía **Type of entity:** State agency
City of entity: Granada, Andalusia, Spain
Name principal investigator (PI, Co-PI....): Emilio J. Alfaro Navarro
Code according to the funding entity: AYA2002-10902-E
Start-End date: 2003 - 2003
Total amount: 12.000 €
- 24** **Name of the project:** Astrophysical parameter calibration for Cepheid variables using stromgren photometry
Degree of contribution: Coordinator of total project, network or consortium
Entity where project took place: Instituto de Astrofísica de Andalucía **Type of entity:** State agency
City of entity: Granada, Andalusia, Spain
Name principal investigator (PI, Co-PI....): Emilio J. Alfaro Navarro
Code according to the funding entity: 2001HU0007
Start-End date: 2001 - 2002
Total amount: 3.295,75 €
- 25** **Name of the project:** Corrugaciones del Disco Galáctico
Geographical area: National
Degree of contribution: Coordinator of total project, network or consortium
Entity where project took place: Instituto de Astrofísica de Andalucía **Type of entity:** State agency
City of entity: Granada, Andalusia, Spain
Name principal investigator (PI, Co-PI....): Emilio J. Alfaro Navarro
Code according to the funding entity: 2001MX0020
Start-End date: 2001 - 2002
Total amount: 4.290,59 €
- 26** **Name of the project:** Poblaciones estelares en el grupo local
Geographical area: National
Degree of contribution: Coordinator of total project, network or consortium
Entity where project took place: Instituto de Astrofísica de Andalucía **Type of entity:** State agency
City of entity: Granada, Andalusia, Spain
Name principal investigator (PI, Co-PI....): Emilio J. Alfaro Navarro



Nº of researchers: 3

Code according to the funding entity: PB97-1438-C02-02

Start-End date: 28/10/1998 - 2001

Duration: 1095 days

Total amount: 21.000 €

- 27** **Name of the project:** Estructura espacial cinemática del gas neutro asociado al cinturón de Gould
Entity where project took place: Instituto de Astrofísica de Andalucía **Type of entity:** State agency
City of entity: Granada, Andalusia, Spain
Name principal investigator (PI, Co-PI....): Emilio Javier Alfaro Navarro; Federico Elías Schliserman; Jesús Cabrera Caño
Nº of researchers: 3
Start-End date: 01/12/1999 - 01/12/2000
- 28** **Name of the project:** Estudio de los Cúmulos Jóvenes en el Complejo de Cisne
Entity where project took place: Instituto de Astrofísica de Andalucía **Type of entity:** State agency
City of entity: Granada, Andalusia, Spain
Name principal investigator (PI, Co-PI....): Emilio Javier Alfaro Navarro
Start-End date: 01/01/1998 - 01/01/2000
- 29** **Name of the project:** Calibración fotométrica UVBY+HB de la magnitud absoluta de las Cefeidas
Degree of contribution: Coordinator of total project, network or consortium
Entity where project took place: Instituto de Astrofísica de Andalucía **Type of entity:** State agency
City of entity: Granada, Andalusia, Spain
Name principal investigator (PI, Co-PI....): Emilio J. Alfaro Navarro
Code according to the funding entity: 1998HU0006
Start-End date: 1998 - 2000
Total amount: 2.295,86 €
- 30** **Name of the project:** Complejos estelares: estructura vertical del Disco Galáctico y formación estelar a gran escala
Geographical area: National
Degree of contribution: Coordinator of total project, network or consortium
Entity where project took place: Instituto de Astrofísica de Andalucía **Type of entity:** State agency
City of entity: Granada, Andalusia, Spain
Name principal investigator (PI, Co-PI....): Emilio J. Alfaro Navarro
Nº of researchers: 3
Code according to the funding entity: PB94-0053
Start-End date: 01/07/1995 - 1998 **Duration:** 1096 days
Total amount: 39.065,78 €
- 31** **Name of the project:** Estudio de viabilidad de una misión precursora del interferómetro infrarrojo espacial
Geographical area: National
Degree of contribution: Researcher
Entity where project took place: Instituto de Astrofísica de Andalucía **Type of entity:** State agency
City of entity: Granada, Andalusia, Spain
Name principal investigator (PI, Co-PI....): Bejamín Montesinos Comino
Nº of researchers: 3



Code according to the funding entity: ESP98-1339-C02-02

Start-End date: 1995 - 1998

Duration: 1095 days

Total amount: 39.672,81 €

32 Name of the project: Ayudas para asistencia a congresos y estancias breves
Degree of contribution: Coordinator of total project, network or consortium
Entity where project took place: Instituto de Astrofísica de Andalucía
Type of entity: State agency
City of entity: Granada, Andalusia, Spain
Name principal investigator (PI, Co-PI....): Emilio J. Alfaro Navarro
Code according to the funding entity: 199451A435
Start-End date: 1995 - 1995
Total amount: 3.305,57 €

33 Name of the project: Cúmulos jóvenes altamente enrojecidos y estructura del Disco Galáctico
Geographical area: National
Degree of contribution: Researcher
Entity where project took place: Instituto de Astrofísica de Andalucía
Type of entity: State agency
City of entity: Granada, Andalusia, Spain
Name principal investigator (PI, Co-PI....): Antonio J Delgado Sánchez
Code according to the funding entity: PB91-0053
Start-End date: 1992 - 1995
Total amount: 23.739,96 €

34 Name of the project: Cúmulos Estelares
Geographical area: Regional
Degree of contribution: Coordinator of total project, network or consortium
Entity where project took place: Instituto de Astrofísica de Andalucía
Type of entity: State agency
City of entity: Granada, Andalusia, Spain
Name principal investigator (PI, Co-PI....): Emilio J Alfaro Navarro
Code according to the funding entity: TIC-101
Start date: 1989



Scientific and technological activities

Scientific production

H index: 40

Date of application: 10/11/2021

Fuente de Índice H: NASA-ADS

Publications, scientific and technical documents

- 1** J.A. Carballo-Bello; D. Martínez-Delgado; J.M. Corral-Santana; E.J. Alfaro; C. Navarrete; A.K. Vivas; M. Catelan. A revised view of the Canis Major stellar overdensity with DECam and Gaia: New evidence of a stellar warp of blue stars. *Monthly Notices of the Royal Astronomical Society*. 501 - 2, pp. 1690 - 1700. 2021. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85100255950&doi=10.1093%2fmnras%2fstaa2655&partnerID=40&md5=14b6a92d5d75de4850147136c20d9450>>.

Type of production: Scientific paper **Format:** Journal
- 2** M.A. Guerrero; R. Ortiz; L. Sabin; G. Ramos-Larios; E.J. Alfaro. Detailed studies of IPHAS sources - II. Sab 19, a true planetary nebula and its mimic crossing the Perseus Arm. *Monthly Notices of the Royal Astronomical Society*. 501 - 3, pp. 3594 - 3604. 2021. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85100294489&doi=10.1093%2fmnras%2fstaa3082&partnerID=40&md5=6e30f13ac72a4a0b0045995999dfa5eb>>.

Type of production: Scientific paper **Format:** Journal
- 3** C. López-Sanjuan; H. Yuan; H. Vázquez Ramió; J. Varela; D. Cristóbal-Hornillos; P.-E. Tremblay; A. Marín-Franch; A.J. Cenarro; A. Ederoclite; E.J. Alfaro; A. Alvarez-Candal; S. Daflon; A. Hernán-Caballero; C. Hernández-Monteaagudo; F.M. Jiménez-Esteban; V.M. Placco; E. Tempel; J. Alcaniz; R.E. Angulo; R.A. Dupke; M. Moles; L. Sodr . J-PLUS: Systematic impact of metallicity on photometric calibration with the stellar locus. *Astronomy and Astrophysics*. 654, 2021. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85117329866&doi=10.1051%2f0004-6361%2f202140444&partnerID=40&md5=12340cf5e1f1ff2b0c741f211b7e5b>>.

Type of production: Scientific paper **Format:** Journal
- 4** J. Ma z Apell niz; E.J. Alfaro; R.H. Barb ; G. Holgado; H. V zquez-Rami ; J. Varela; A. Ederoclite; A. Lorenzo-Guti rrez; P. Garc a-Lario; H. Garc a Escudero; M. Garc a; P.R.T. Coelho. The GALANTE photometric survey of the northern Galactic plane: Project description and pipeline. *Monthly Notices of the Royal Astronomical Society*. 506 - 3, pp. 3138 - 3154. 2021. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85112372804&doi=10.1093%2fmnras%2fstab1769&partnerID=40&md5=c916a192ad57662d8059a45b9d1052e8>>.

Type of production: Scientific paper **Format:** Journal
- 5** B. Cedr s; A.M. P rez-Garc a; R. P rez-Mart nez; M. Cervino; J. Gallego; A. Bongiovanni; J. Cepa; R. Navarro Mart nez; J. Nadolny; M.A. Lara-L pez; M. S nchez-Portal; E.J. Alfaro; J.A. De Diego; M. Gonz lez-Otero; J. Jes s Gonz lez; J. Ignacio Gonz lez-Serrano; C.P. Padilla Torres. The OTELO Survey: The Star Formation Rate Evolution of Low-mass Galaxies. *Astrophysical Journal Letters*. 915 - 1, 2021. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85109747328&doi=10.3847%2f2041-8213%2fac0a7e&partnerID=40&md5=ab00ce8f4454be13e4348ba98529d5>>.

Type of production: Scientific paper **Format:** Journal



6

J. Nadolny; A. Bongiovanni; J. Cepa; M. Cerviño; A.M. Pérez García; M. Pović; R. Pérez Martínez; M. Sánchez-Portal; J.A. De Diego; I. Pintos-Castro; E. Alfaro; H.O. Castañeda; J. Gallego; J. Jesús González; J. Ignacio González-Serrano; M.A. Lara-López; C.P. Padilla Torres. The OTELO survey as a morphological probe. Last ten Gyr of galaxy evolution: The mass-size relation up to $z = 2$. *Astronomy and Astrophysics*. 647, 2021. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102577047&doi=10.1051%2f0004-6361%2f202037861&partnerID=40&md5=2315bc264d43a99ed509236897>>

Type of production: Scientific paper

Format: Journal

7

B. Cedrés; Á. Bongiovanni; M. Cerviño; J. Nadolny; J. Cepa; J.A. De Diego; A.M. Pérez García; J. Gallego; M.A. Lara-López; M. Sánchez-Portal; J.I. González-Serrano; E.J. Alfaro; R. Navarro Martínez; R. Pérez Martínez; J.J. González; C.P. Padilla Torres; H.O. Castañeda; M. González. The OTELO survey: Faint end of the luminosity function of [O II] λ 3727 emitters at $z \approx 1.43$. *Astronomy and Astrophysics*. 649, 2021. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85105977657&doi=10.1051%2f0004-6361%2f202039880&partnerID=40&md5=6ac66164500269f3f0f75f4ba67bd>>

Type of production: Scientific paper

Format: Journal

8

R. Navarro Martínez; A.M. Pérez-García; R. Pérez-Martínez; M. Cerviño; J. Gallego; Á. Bongiovanni; L. Barrufet; J. Nadolny; B. Cedrés; J. Cepa; E. Alfaro; H.O. Castañeda; J.A. De Diego; M. González-Otero; J. Jesús González; J.I. González-Serrano; M.A. Lara-López; C.P. Padilla Torres; M. Sánchez-Portal. The OTELO survey: Revealing a population of low-luminosity active star-forming galaxies at $z \sim 0.9$. *Astronomy and Astrophysics*. 653, 2021. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85114429321&doi=10.1051%2f0004-6361%2f202140353&partnerID=40&md5=cad03d57b925cc6c86478192816>>

Type of production: Scientific paper

Format: Journal

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S. Bonoli; A. Marín-Franch; J. Varela; H. Vázquez Ramió; L.R. Abramo; A.J. Cenarro; R.A. Dupke; J.M. Vílchez; D. Cristóbal-Hornillos; R.M. González Delgado; C. Hernández-Monteagudo; C. López-Sanjuan; D.J. Muniesa; T. Civera; A. Ederoclite; A. Hernán-Caballero; V. Marra; P.O. Baqui; A. Cortesi; E.S. Cypriano; S. Daflon; A.L. De Amorim; L.A. Díaz-García; J.M. Diego; G. Martínez-Solaeche; E. Pérez; V.M. Placco; F. Prada; C. Queiroz; J. Alcaniz; A. Alvarez-Candal; J. Cepa; A.L. Maroto; F. Roig; B.B. Siffert; K. Taylor; N. Benitez; M. Moles; L. Sodré; S. Carneiro; C. Mendes De Oliveira; E. Abdalla; R.E. Angulo; M. Aparicio Resco; A. Balaguera-Antolínez; F.J. Ballesteros; D. Brito-Silva; T. Broadhurst; E.R. Carrasco; T. Castro; R. Cid Fernandes; P. Coelho; R.B. De Melo; L. Doubrawa; A. Fernandez-Soto; F. Ferrari; A. Finoguenov; R. García-Benito; J. Iglesias-Páramo; Y. Jiménez-Teja; F.S. Kitaura; J. Laur; P.A.A. Lopes; G. Lucatelli; V.J. Martínez; M. Maturi; R.A. Overzier; C. Pigozzo; M. Quartín; J.E. Rodríguez-Martín; V. Salzano; A. Tamm; E. Tempel; K. Umetsu; L. Valdivielso; R. Von Martens; A. Zitrin; M.C. Díaz-Martín; G. López-Alegre; A. López-Sainz; A. Yanes-Díaz; F. Rueda-Teruel; S. Rueda-Teruel; J. Abril Ibañez; J. L Antón Bravo; R. Bello Ferrer; S. Bielsa; J.M. Casino; J. Castillo; S. Chueca; L. Cuesta; J. Garzarán Calderaro; R. Iglesias-Marzoa; C. Íñiguez; J.L. Lamadrid Gutierrez; F. Lopez-Martinez; D. Lozano-Pérez; N. Maicas Sacristán; E.L. Molina-Ibáñez; A. Moreno-Signes; S. Rodríguez Llano; M. Royo Navarro; V. Tilve Rua; U. Andrade; E.J. Alfaro; S. Akras; P. Arnalte-Mur; B. Ascaso; C.E. Barbosa; J. Beltrán Jiménez; M. Benetti; C.A.P. Bengaly; A. Bernui; J.J. Blanco-Pillado; M. Borges Fernandes; J.N. Bregman; G. Bruzual; G. Calderone; J.M. Carvano; L. Casarini; J. Chaves-Montero; A.L. Chies-Santos; G. Coutinho De Carvalho; P. Dimauro; S. Duarte Puertas; D. Figueruelo; J.I. González-Serrano; M.A. Guerrero; S. Gurung-López; D. Herranz; M. Huertas-Company; J.A. Irwin; D. Izquierdo-Villalba; A. Kanaan; C. Kehrig; C.C. Kirkpatrick; J. Lim; A.R. Lopes; R. Lopes De Oliveira; A. Marcos-Caballero; D. Martínez-Delgado; E. Martínez-González; G. Martínez-Somonte; N. Oliveira; A.A. Orsi; M. Penna-Lima; R.R.R. Reis; D. Spinoso; S. Tsujikawa; P. Vielva; A.Z. Vitorelli; J.Q. Xia; H.B. Yuan; A. Arroyo-Polonio; M.L.L. Dantas; C.A. Galarza; D.R. Gonçalves; R.S. Gonçalves; J.E. Gonzalez; A.H. Gonzalez; N. Greisel; F. Jiménez-Esteban; R.G. Landim; D. Lazzaro; G. Magris; R. Monteiro-Oliveira; C.B. Pereira; M.J. Rebouças; J.M. Rodriguez-Espinosa; S. Santos Da Costa; E. Telles. The miniJPAS survey: A preview of the Universe in 56 colors. *Astronomy and Astrophysics*. 653, 2021. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85114401215&doi=10.1051%2f0004-6361%2f202038841&partnerID=40&md5=2511e457953c136dd709b1edc56>>

Type of production: Scientific paper

Format: Journal

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Jakub Nadolny; Maritza A. Lara-López; Miguel Cerviño; Ángel Bongiovanni; Jordi Cepa; José A. de Diego; Ana María Pérez García; Ricardo Pérez Martínez; Miguel Sánchez-Portal; Emilio Alfaro; Héctor O. Castañeda; Jesús Gallego; J. Jesús González; J. Ignacio González-Serrano; Carmen P. Padilla Torres; Irene Pintos-Castro;



Mirjana Povic. The OTELO survey. Nature and mass-metallicity relation for H α emitters at $z \sim 0.4$. *Astronomy and Astrophysics*. 636, pp. A84 - A84. 04/2020.

Type of production: Scientific paper

Format: Journal

- 11** Ángel Bongiovanni; Marina Ramón-Pérez; Ana María Pérez García; Miguel Cerviño; Jordi Cepa; Jakub Nadolny; Ricardo Pérez Martínez; Emilio J. Alfaro; Héctor O. Castañeda; Bernabé Cedrés; José A. de Diego; Alessandro Ederoclite; Mirian Fernández-Lorenzo; Jesús Gallego; José de Jesús González; José Ignacio González-Serrano; Maritza A. Lara-López; Iván Oteo Gómez; Carmen P. Padilla Torres; Irene Pintos-Castro; Mirjana Povic; Miguel Sánchez-Portal; D. Heath Jones; Joss Bland-Hawthorn; Antonio Cabrera-Lavers. The OTELO survey. A case study of [O III] λ 4959,5007 emitters at $z \approx 0.83$. *Astronomy and Astrophysics*. 635, pp. A35 - A35. 03/2020.

Type of production: Scientific paper

Format: Journal

- 12** N. Sánchez; E.J. Alfaro; F. López-Martínez. A catalogue of open cluster radii determined from Gaia proper motions. *Monthly Notices of the Royal Astronomical Society*. 495 - 3, pp. 2882 - 2893. 2020. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091966522&doi=10.1093%2fmnras%2fstaa1359&partnerID=40&md5=383492a6f7667a3fd3ee6b42909b0097>>.

Type of production: Scientific paper

Format: Journal

- 13** A. Lorenzo-Gutiérrez; E.J. Alfaro; J.M. Apellániz; R.H. Barbá; A. Marín-Franch; A. Ederoclite; D. Cristobal-Hornillos; J. Varela; H.V. Ramió; A.J. Cenarro; D.J. Lennon; P. García-Lario; S. Daflon; M.B. Fernandes. Deriving stellar parameters from GALANTE photometry: Bias and precision. *Monthly Notices of the Royal Astronomical Society*. 494 - 3, pp. 3342 - 3357. 2020. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85101370995&doi=10.1093%2fMNRAS%2fSTAA892&partnerID=40&md5=086a12971ef45d1121206791e8d4a157>>.

Type of production: Scientific paper

Format: Journal

- 14** J. Maíz Apellániz; E. Trigueros Páez; I. Negueruela; R.H. Barbá; S. Simón-Díaz; J. Lorenzo; A. Sota; R.C. Gamen; C. Fariña; J. Salas; J.A. Caballero; N.I. Morrell; A. Pellerin; E.J. Alfaro; A. Herrero; J.I. Arias; A. Marco. Erratum: MONOS: Multiplicity of Northern O-type Spectroscopic systems: I. Project description and spectral classifications and visual multiplicity of previously known objects (*Astronomy and Astrophysics* (2019) 626 (A20) DOI: 10.1051/0004-6361/201935359). *Astronomy and Astrophysics*. 639, 2020. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087876137&doi=10.1051%2f0004-6361%2f201935359e&partnerID=40&md5=b45e7f54e7e3b62dab2ec1e8c0>>.

Type of production: Scientific paper

Format: Journal

- 15** A. Bongiovanni; M. Ramón-Pérez; A.M. Pérez García; M. Cerviño; J. Cepa; J. Nadolny; R. Pérez Martínez; E.J. Alfaro; H.O. Castañeda; B. Cedrés; J.A. De Diego; A. Ederoclite; M. Fernández-Lorenzo; J. Gallego; J. De Jesús González; J.I. González-Serrano; M.A. Lara-López; I. Oteo Gómez; C.P. Padilla Torres; I. Pintos-Castro; M. Pović; M. Sánchez-Portal; D. Heath Jones; J. Bland-Hawthorn; A. Cabrera-Lavers. Erratum: The OTELO survey: A case study of [O III] λ 4959,5007 emitters at $z \approx 0.83$ (*Astronomy and Astrophysics* (2020) 635 (A35) DOI: 10.1051/0004-6361/201833656). *Astronomy and Astrophysics*. 637, 2020. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85094148813&doi=10.1051%2f0004-6361%2f201833656e&partnerID=40&md5=43779f6813aff5206e3559750e2>>.

Type of production: Scientific paper

Format: Journal

- 16** E. Casal; M. Fernández; E.J. Alfaro; V. Casanova; Á. Tobaruela. Fast-rotating giant stars behind the Coma Berenices star cluster. *Monthly Notices of the Royal Astronomical Society*. 497 - 3, pp. 2562 - 2568. 2020. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096982704&doi=10.1093%2fmnras%2fstaa2093&partnerID=40&md5=1292a1b50e83be8e6ec7d5db9e391ba2>>.

Type of production: Scientific paper

Format: Journal

- 17** J.A. De Diego; J. Nadolny; Á. Bongiovanni; J. Cepa; M. Pović; A.M. Pérez García; C.P. Padilla Torres; M.A. Lara-López; M. Cerviño; R.P. Martínez; E.J. Alfaro; H.O. Castañeda; M. Fernández-Lorenzo; J. Gallego; J.J. González; J.I. González-Serrano; I. Pintos-Castro; M. Sánchez-Portal; B. Cedrés; M. González-Otero; D. Heath Jones; J. Bland-Hawthorn. Galaxy classification: Deep learning on the OTELO and COSMOS databases.



Astronomy and Astrophysics. 638, 2020. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85088259724&doi=10.1051%2f0004-6361%2f202037697&partnerID=40&md5=65298f1dd012612ced7d3853db9>>

Type of production: Scientific paper

Format: Journal

- 18** M. Baratella; V. D'Orazi; G. Carraro; S. Desidera; S. Randich; L. Magrini; V. Adibekyan; R. Smiljanic; L. Spina; M. Tsantaki; G. Tautvaišienė; S.G. Sousa; P. Jofré; F.M. Jiménez-Esteban; E. Delgado-Mena; S. Martell; M. Van Der Swaelmen; V. Roccatagliata; G. Gilmore; E.J. Alfaro; A. Bayo; T. Bensby; A. Bragaglia; E. Franciosini; A. Gonneau; U. Heiter; A. Hourihane; R.D. Jeffries; S.E. Koposov; L. Morbidelli; L. Prisinzano; G. Sacco; L. Sbordone; C. Worley; S. Zaggia; J. Lewis. The Gaia -ESO Survey: A new approach to chemically characterising young open clusters: I. Stellar parameters, and iron-peak, α -, and proton-capture elements. Astronomy and Astrophysics. 634, 2020. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086566772&doi=10.1051%2f0004-6361%2f201937055&partnerID=40&md5=7bb0edf28a2e38b6cf1ccb289906>>

Type of production: Scientific paper

Format: Journal

- 19** M.L.G. Albarrán; D. Montes; M.G. Garrido; H.M. Taberner; J.I.G. Hernández; E. Marfil; A. Frasca; A.C. Lanzafame; A. Klutsch; E. Franciosini; S. Randich; R. Smiljanic; A.J. Korn; G. Gilmore; E.J. Alfaro; M. Baratella; A. Bayo; T. Bensby; R. Bonito; G. Carraro; E. Delgado Mena; S. Feltzing; A. Gonneau; U. Heiter; A. Hourihane; F.J. Esteban; P. Jofre; T. Masseron; L. Monaco; L. Morbidelli; L. Prisinzano; V. Roccatagliata; S. Sousa; M. Van Der Swaelmen; C.C. Worley; S. Zaggia. The Gaia -ESO Survey: Calibrating the lithium-age relation with open clusters and associations: I. Cluster age range and initial membership selections. Astronomy and Astrophysics. 643, 2020. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85095973714&doi=10.1051%2f0004-6361%2f202037620&partnerID=40&md5=c33244fb2d94a4ec35eab1130ba>>

Type of production: Scientific paper

Format: Journal

- 20** C.C. Worley; P. Jofré; B. Rendle; A. Miglio; L. Magrini; D. Feuillet; A. Gavel; R. Smiljanic; K. Lind; A. Korn; G. Gilmore; S. Randich; A. Hourihane; A. Gonneau; P. Francois; J. Lewis; G. Sacco; A. Bragaglia; U. Heiter; S. Feltzing; T. Bensby; M. Irwin; E. Gonzalez Solares; D. Murphy; A. Bayo; L. Sbordone; T. Zwitter; A.C. Lanzafame; N. Walton; S. Zaggia; E.J. Alfaro; L. Morbidelli; S. Sousa; L. Monaco; G. Carraro; C. Lardo. The Gaia -ESO Survey: Spectroscopic-asteroseismic analysis of K2 stars in Gaia -ESO. Astronomy and Astrophysics. 643, 2020. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85095969835&doi=10.1051%2f0004-6361%2f201936726&partnerID=40&md5=59f5b5bd31e9c592955d253caf4>>

Type of production: Scientific paper

Format: Journal

- 21** G. Casali; L. Spina; L. Magrini; A.I. Karakas; C. Kobayashi; A.R. Casey; S. Feltzing; M. Van Der Swaelmen; M. Tsantaki; P. Jofré; A. Bragaglia; D. Feuillet; T. Bensby; K. Biazzo; A. Gonneau; G. Tautvaišienė; M. Baratella; V. Roccatagliata; E. Pancino; S. Sousa; V. Adibekyan; S. Martell; A. Bayo; R.J. Jackson; R.D. Jeffries; G. Gilmore; S. Randich; E. Alfaro; S.E. Koposov; A.J. Korn; A. Recio-Blanco; R. Smiljanic; E. Franciosini; A. Hourihane; L. Monaco; L. Morbidelli; G. Sacco; C. Worley; S. Zaggia. The Gaia -ESO survey: The non-universality of the age-chemical-clocks-metallicity relations in the Galactic disc. Astronomy and Astrophysics. 639, 2020. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089306480&doi=10.1051%2f0004-6361%2f202038055&partnerID=40&md5=679d1f019ed4de1ec3c456b2a6a>>

Type of production: Scientific paper

Format: Journal

- 22** A. Bongiovanni; M. Ramón-Pérez; A.M. García; M. Cerviño; J. Cepa; J. Nadolny; R. Martínez; E.J. Alfaro; H.O. Castañeda; B. Cedrés; J.A. De Diego; A. Ederoclite; M. Fernández-Lorenzo; J. Gallego; J. De Jesús González; J.I. González-Serrano; M.A. Lara-López; I. Oteo Gómez; C.P. Padilla Torres; I. Pintos-Castro; M. Pović; M. Sánchez-Portal; D. Heath Jones; J. Bland-Hawthorn; A. Cabrera-Lavers. The OTELO survey: A case study of [O III] λ 4959,5007 emitters at $\lambda z \approx 0.83$. Astronomy and Astrophysics. 635, 2020. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092036256&doi=10.1051%2f0004-6361%2f201833656&partnerID=40&md5=131f6e68ed83e2ddaa0d585908d>>

Type of production: Scientific paper

Format: Journal

- 23** J. Nadolny; M.A. Lara-López; M. Cerviño; Á. Bongiovanni; J. Cepa; J.A. De Diego; A.M. Pérez García; R. Pérez Martínez; M. Sánchez-Portal; E. Alfaro; H.O. Castañeda; J. Gallego; J.J. González; J.I. González-Serrano; C.P. Padilla Torres; I. Pintos-Castro; M. Pović. The



OTELO survey: Nature and mass-metallicity relation for H α emitters at $z \sim 0.4$. *Astronomy and Astrophysics*. 636, 2020. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084324968&doi=10.1051%2f0004-6361%2f201936205&partnerID=40&md5=bf50ed0f8403042273144334387c>>

Type of production: Scientific paper

Format: Journal

- 24** J. Maíz Apellániz; E. Trigueros Páez; I. Negueruela; R.H. Barbá; S. Simón-Díaz; J. Lorenzo; A. Sota; R.C. Gamen; C. Fariña; J. Salas; J.A. Caballero; N.I. Morrell; A. Pellerin; E.J. Alfaro; A. Herrero; J.I. Arias; A. Marco. MONOS: Multiplicity Of Northern O-type Spectroscopic systems. I. Project description and spectral classifications and visual multiplicity of previously known objects. *Astronomy and Astrophysics*. 626, pp. A20 - A20. 06/2019.

Type of production: Scientific paper

Format: Journal

- 25** M.C. Sánchez-Gil; E.J. Alfaro; M. Cerviño; E. Pérez; J. Bland-Hawthorn; D.H. Jones. Hierarchical Bayesian approach for estimating physical properties in nearby galaxies: Age maps (paper II). *Monthly Notices of the Royal Astronomical Society*. 483 - 2, pp. 2641 - 2670. 2019. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066998011&doi=10.1093%2fmnras%2fsty3106&partnerID=40&md5=af004dcf0be439d1ca81ccec647a726c>>.

Type of production: Scientific paper

Format: Journal

- 26** E. Solano; E.L. Martín; J.A. Caballero; C. Rodrigo; R.E. Angulo; J. Alcaniz; M. Borges Fernandes; A.J. Cenarro; D. Cristóbal-Hornillos; R.A. Dupke; E. Alfaro; A. Ederoclite; F. Jiménez-Esteban; J.A. Hernandez-Jimenez; C. Hernández-Monteagudo; R. Lopes De Oliveira; C. López-Sanjuan; A. Marín-Franch; C. Mendes De Oliveira; M. Moles; A. Orsi; L. Schmidtbreick; D. Sobral; L. Sodré; J. Varela; H. Vázquez Ramió. J-PLUS: Discovery and characterisation of ultracool dwarfs using Virtual Observatory tools. *Astronomy and Astrophysics*. 627, 2019. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068400384&doi=10.1051%2f0004-6361%2f201935256&partnerID=40&md5=669f73053d99b1017edc4356e17>>

Type of production: Scientific paper

Format: Journal

- 27** C. López-Sanjuan; J. Varela; D. Cristóbal-Hornillos; H. Vázquez Ramió; J.M. Carrasco; P.-E. Tremblay; D.D. Whitten; V.M. Placco; A. Marín-Franch; A.J. Cenarro; A. Ederoclite; E. Alfaro; P.R.T. Coelho; T. Civera; J. Hernández-Fuertes; F.M. Jiménez-Esteban; Y. Jiménez-Teja; J. Maíz Apellániz; D. Sobral; J.M. Vilchez; J. Alcaniz; R.E. Angulo; R.A. Dupke; C. Hernández-Monteagudo; C.L. Mendes De Oliveira; M. Moles; L. Sodré. J-PLUS: Photometric calibration of large-area multi-filter surveys with stellar and white dwarf loci. *Astronomy and Astrophysics*. 631, 2019. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082698657&doi=10.1051%2f0004-6361%2f201936405&partnerID=40&md5=e25b6ab4cbcc79495ed799efc3c1>>

Type of production: Scientific paper

Format: Journal

- 28** A.J. Cenarro; M. Moles; D. Cristóbal-Hornillos; A. Marín-Franch; A. Ederoclite; J. Varela; C. López-Sanjuan; C. Hernández-Monteagudo; R.E. Angulo; H. Vázquez Ramió; K. Viironen; S. Bonoli; A.A. Orsi; G. Hurier; I. San Roman; N. Greisel; G. Vilella-Rojo; L.A. Díaz-García; R. Logroño-García; S. Gurung-López; D. Spinoso; D. Izquierdo-Villalba; J.A.L. Aguerri; C. Allende Prieto; C. Bonatto; J.M. Carvano; A.L. Chies-Santos; S. Daflon; R.A. Dupke; J. Falcón-Barroso; D.R. Gonçalves; Y. Jiménez-Teja; A. Molino; V.M. Placco; E. Solano; D.D. Whitten; J. Abril; J.L. Antón; R. Bello; S. Bielsa De Toledo; J. Castillo-Ramírez; S. Chueca; T. Civera; M.C. Díaz-Martín; M. Domínguez-Martínez; J. Garzarán-Calderaro; J. Hernández-Fuertes; R. Iglesias-Marzoa; C. Iñiguez; J.M. Jiménez Ruiz; K. Kruuse; J.L. Lamadrid; N. Lasso-Cabrera; G. López-Alegre; A. López-Sainz; N. Maicas; A. Moreno-Signes; D.J. Muniesa; S. Rodríguez-Llano; F. Rueda-Teruel; S. Rueda-Teruel; I. Soriano-Laguía; V. Tilve; L. Valdivielso; A. Yanes-Díaz; J.S. Alcaniz; C. Mendes De Oliveira; L. Sodré; P. Coelho; R. Lopes De Oliveira; A. Tamm; H.S. Xavier; L.R. Abramo; S. Akras; E.J. Alfaro; A. Alvarez-Candal; B. Ascaso; M.A. Beasley; T.C. Beers; M. Borges Fernandes; G.R. Bruzual; M.L. Buzzo; J.M. Carrasco; J. Cepa; A. Cortesi; M.V. Costa-Duarte; M. De Prá; G. Favole; A. Galarza; L. Galbany; K. Garcia; R.M. González Delgado; J.I. González-Serrano; L.A. Gutiérrez-Soto; J.A. Hernandez-Jimenez; A. Kanaan; H. Kuncarayakti; R.C.G. Landim; J. Laur; J. Licandro; G.B. Lima Neto; J.D. Lyman; J. Maíz Apellániz; J. Miralda-Escudé; D. Morate; J.P. Nogueira-Cavalcante; P.M. Novais; M. Oncins; I. Oteo; R.A. Overzier; C.B. Pereira; A. Rebassa-Mansergas; R.R.R. Reis; F. Roig; M. Sako; N. Salvador-Rusiñol; L. Sampedro; P. Sánchez-Blázquez; W.A. Santos; L. Schmidtbreick; B.B. Siffert; E. Telles; J.M. Vilchez. J-PLUS: The javalambre photometric local universe survey. *Astronomy and Astrophysics*. 622, 2019. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85062189074&doi=10.1051%2f0004-6361%2f201833036&partnerID=40&md5=68358c7c22bce7622ce97e6ccf5e>>



Type of production: Scientific paper

Format: Journal

29

J. Maíz Apellániz; E. Trigueros Páez; I. Negueruela; R.H. Barbá; S. Simón-Díaz; J. Lorenzo; A. Sota; R.C. Gamen; C. Fariña; J. Salas; J.A. Caballero; N.I. Morrell; A. Pellerin; E.J. Alfaro; A. Herrero; J.I. Arias; A. Marco. MONOS: Multiplicity of Northern O-type Spectroscopic systems: I. Project description and spectral classifications and visual multiplicity of previously known objects. *Astronomy and Astrophysics*. 626, 2019. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074184771&doi=10.1051%2f0004-6361%2f201935359&partnerID=40&md5=258e788051a29b06f25dcb45a2d>>

Type of production: Scientific paper

Format: Journal

30

C.G. Román-Zúñiga; E. Alfaro; A. Palau; B. Hasenberger; J.F. Alves; M. Lombardi; G.P.S. Sánchez. Not so different after all: Properties and spatial structure of column density peaks in the pipe and Orion A clouds. *Monthly Notices of the Royal Astronomical Society*. 489 - 3, pp. 4429 - 4443. 2019. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075166152&doi=10.1093%2fmnras%2fstz2355&partnerID=40&md5=6baea4646d17493f08480573ee0c0f1a>>

Type of production: Scientific paper

Format: Journal

31

L.A. Díaz-García; A.J. Cenarro; C. López-Sanjuan; I. Ferreras; M. Cerviño; A. Fernández-Soto; R.M. González Delgado; I. Márquez; M. Pović; I. San Roman; K. Viironen; M. Moles; D. Cristóbal-Hornillos; A. López-Comazzi; E. Alfaro; T. Aparicio-Villegas; N. Benítez; T. Broadhurst; J. Cabrera-Caño; F.J. Castander; J. Cepa; C. Husillos; L. Infante; J.A.L. Aguerri; V.J. Martínez; J. Masegosa; A. Molino; A. del Olmo; J. Perea; F. Prada; J.M. Quintana. Stellar populations of galaxies in the ALHAMBRA survey up to $z \sim 1$: II. Stellar content of quiescent galaxies within the dust-corrected stellar mass-colour and the UVJ colour-colour diagrams. *Astronomy and Astrophysics*. 631, 2019. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082708441&doi=10.1051%2f0004-6361%2f201832788&partnerID=40&md5=383458e3a4171ec00a07f130702>>

Type of production: Scientific paper

Format: Journal

32

L.A. Díaz-García; A.J. Cenarro; C. López-Sanjuan; I. Ferreras; A. Fernández-Soto; R.M. González Delgado; I. Márquez; J. Masegosa; I. San Roman; K. Viironen; S. Bonoli; M. Cerviño; M. Moles; D. Cristóbal-Hornillos; E. Alfaro; T. Aparicio-Villegas; N. Benítez; T. Broadhurst; J. Cabrera-Caño; F.J. Castander; J. Cepa; C. Husillos; L. Infante; J.A.L. Aguerri; V.J. Martínez; A. Molino; A. del Olmo; J. Perea; F. Prada; J.M. Quintana. Stellar populations of galaxies in the ALHAMBRA survey up to $z \sim 1$: III. The stellar content of the quiescent galaxy population during the last 8 Gyr. *Astronomy and Astrophysics*. 631, 2019. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082672297&doi=10.1051%2f0004-6361%2f201832882&partnerID=40&md5=7fe9ae813a729c25955dba7a580>>

Type of production: Scientific paper

Format: Journal

33

A. Lorenzo-Gutiérrez; E.J. Alfaro; J. Maíz Apellániz; R.H. Barbá; A. Marín-Franch; A. Ederoclite; D. Cristóbal-Hornillos; J. Varela; H. Vázquez Ramió; A.J. Cenarro; D.J. Lennon; P. García-Lario. The GALANTE photometric system. *Monthly Notices of the Royal Astronomical Society*. 486 - 1, pp. 966 - 980. 2019. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072292490&doi=10.1093%2fmnras%2fstz842&partnerID=40&md5=df4592ee9106456b953c3396792a9362>>

Type of production: Scientific paper

Format: Journal

34

L. Prisinzano; F. Damiani; V. Kalari; R. Jeffries; R. Bonito; G. Micela; N.J. Wright; R.J. Jackson; E. Tognelli; M.G. Guarcello; J.S. Vink; A. Klutsch; F.M. Jiménez-Esteban; V. Roccatagliata; G. Tautvaišienė; G. Gilmore; S. Randich; E.J. Alfaro; E. Flaccomio; S. Koposov; A. Lanzafame; E. Pancino; M. Bergemann; G. Carraro; E. Franciosini; A. Frasca; A. Gonneau; A. Hourihane; P. Jofré; J. Lewis; L. Magrini; L. Monaco; L. Morbidelli; G.G. Sacco; C.C. Worley; S. Zaggia. The Gaia -ESO Survey: Age spread in the star forming region NGC 6530 from the HR diagram and gravity indicators. *Astronomy and Astrophysics*. 623, 2019. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063751356&doi=10.1051%2f0004-6361%2f201834870&partnerID=40&md5=27526f3630a9762da3b0fcb6f8b4>>

Type of production: Scientific paper

Format: Journal



- 35** N.J. Wright; R.D. Jeffries; R.J. Jackson; A. Bayo; R. Bonito; F. Damiani; V. Kalari; A.C. Lanzafame; E. Pancino; R.J. Parker; L. Prisinzano; S. Randich; J.S. Vink; E.J. Alfaro; M. Bergemann; E. Franciosini; G. Gilmore; A. Gonneau; A. Hourihane; P. Jofré; S.E. Koposov; J. Lewis; L. Magrini; G. Micela; L. Morbidelli; G.G. Sacco; C.C. Worley; S. Zaggia. The Gaia-ESO Survey: Asymmetric expansion of the Lagoon Nebula cluster NGC 6530 from GES and Gaia DR2. *Monthly Notices of the Royal Astronomical Society*. 486 - 2, pp. 2477 - 2493. 2019. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067997453&doi=10.1093%2fmnras%2fstz870&partnerID=40&md5=9e21d3de0aa074a4243a16c927de719e>>.
- Type of production:** Scientific paper **Format:** Journal
- 36** D. Hatzidimitriou; E.V. Held; E. Tognelli; A. Bragaglia; L. Magrini; L. Bravi; K. Gazeas; A. Dapergolas; A. Drazdauskas; E. Delgado-Mena; E.D. Friel; R. Minkevičiute; R. Sordo; G. Tautvaišiene; G. Gilmore; S. Randich; S. Feltzing; A. Vallenari; E.J. Alfaro; E. Flaccomio; A.C. Lanzafame; E. Pancino; R. Smiljanic; A. Bayo; M. Bergemann; G. Carraro; A.R. Casey; M.T. Costado; F. Damiani; E. Franciosini; A. Gonneau; P. Jofré; J. Lewis; L. Monaco; L. Morbidelli; C.C. Worley; S. Zaggia. The Gaia-ESO Survey: The inner disc, intermediate-Age open cluster Pismis 18. *Astronomy and Astrophysics*. 626, 2019. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068339581&doi=10.1051%2f0004-6361%2f201834636&partnerID=40&md5=bd09e9cec6910a12fb22643c3b4f>>.
- Type of production:** Scientific paper **Format:** Journal
- 37** Á. Bongiovanni; M. Ramón-Pérez; A.M.P. García; J. Cepa; M. Cerviño; J. Nadolny; R.P. Martínez; E. Alfaro; H.O. Castañeda; J.A. De Diego; A. Ederoclite; M. Fernández-Lorenzo; J. Gallego; J.J. González; J.I. González-Serrano; M.A. Lara-López; I.O. Gómez; C.P. Padilla Torres; I. Pintos-Castro; M. Pović; M. Sánchez-Portal; H. Jones; J. Bland-Hawthorn; A. Cabrera-Lavers. The OTELO survey: I. Description, data reduction, and multi-wavelength catalogue. *Astronomy and Astrophysics*. 631, 2019. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082685989&doi=10.1051%2f0004-6361%2f201833294&partnerID=40&md5=54a7b2a6a4621050e69327336ce>>.
- Type of production:** Scientific paper **Format:** Journal
- 38** M. Ramón-Pérez; Á. Bongiovanni; A.M.P. García; J. Cepa; M.A. Lara-López; J.A. De Diego; E. Alfaro; H.O. Castañeda; M. Cerviño; M. Fernández-Lorenzo; J. Gallego; J. Jesús González; J. Ignacio González-Serrano; J. Nadolny; I.O. Gómez; R.P. Martínez; I. Pintos-Castro; M. Pović; M. Sánchez-Portal. The OTELO survey: II. The faint-end of the H α luminosity function at $z \sim 0.40$. *Astronomy and Astrophysics*. 631, 2019. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082647245&doi=10.1051%2f0004-6361%2f201833295&partnerID=40&md5=fac38c7713dbfe78fe9c107fce953>>.
- Type of production:** Scientific paper **Format:** Journal
- 39** M. Ramón-Pérez; Á. Bongiovanni; A.M.P. García; J. Cepa; J. Nadolny; I. Pintos-Castro; M.A. Lara-López; E.J. Alfaro; H.O. Castañeda; M. Cerviño; J.A. De Diego; M. Fernández-Lorenzo; J. Gallego; J.J. González; J.I. González-Serrano; I.O. Gómez; R.P. Martínez; M. Pović; M. Sánchez-Portal. The OTELO survey: III. Demography, morphology, IR luminosity and environment of AGN hosts. *Astronomy and Astrophysics*. 631, 2019. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082705727&doi=10.1051%2f0004-6361%2f201833296&partnerID=40&md5=72389cbe62bb68d306cdd42b34c>>.
- Type of production:** Scientific paper **Format:** Journal
- 40** A.E. Piatti; E.J. Alfaro; T. Cantat-Gaudin. Two kinematically different Large Magellanic Cloud old globular cluster populations unveiled from Gaia DR2 data sets. *Proceedings of the International Astronomical Union*. 14 - 351, pp. 139 - 142. 2019. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082019850&doi=10.1017%2fS1743921319006483&partnerID=40&md5=d508e3c16979ed0bf70208e99cfec78>>.
- Type of production:** Scientific paper **Format:** Journal
- 41** A.E. Piatti; E.J. Alfaro; T. Cantat-Gaudin. Two kinematically distinct old globular cluster populations in the Large Magellanic Cloud. *Monthly Notices of the Royal Astronomical Society*. 1, pp. L19 - L23. 2019. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079662283&doi=10.1093%2fmnrasl%2fsl240&partnerID=40&md5=54d94a06c150aacab67d498205a9ed3>>.
- Type of production:** Scientific paper **Format:** Journal



- 42** N. Sánchez; E.J. Alfaro; F. López-Martínez. A method for determining the radius of an open cluster from stellar proper motions. *Monthly Notices of the Royal Astronomical Society*. 475 - 3, pp. 4122 - 4132. 2018. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046014924&doi=10.1093%2fmnras%2fsty088&partnerID=40&md5=8b0c7ef441d1877d8b683f045f022bbf>>.
Type of production: Scientific paper **Format:** Journal
- 43** K. Viironen; C. López-Sanjuan; C. Hernández-Monteagudo; J. Chaves-Montero; B. Ascaso; S. Bonoli; D. Cristóbal-Hornillos; L.A. Díaz-García; A. Fernández-Soto; I. Márquez; J. Masegosa; M. Pović; J. Varela; A.J. Cenarro; J.A.L. Aguerri; E. Alfaro; T. Aparicio-Villegas; N. Benítez; T. Broadhurst; J. Cabrera-Caño; F.J. Castander; J. Cepa; M. Cerviño; R.M. González Delgado; C. Husillos; L. Infante; V.J. Martínez; M. Moles; A. Molino; A. Del Olmo; J. Perea; F. Prada; J.M. Quintana. High redshift galaxies in the ALHAMBRA survey? II. Strengthening the evidence of bright-end excess in UV luminosity functions at $2.5 \leq z \leq 4.5$ by PDF analysis. *Astronomy and Astrophysics*. 614, 2018. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049574727&doi=10.1051%2f0004-6361%2f201731797&partnerID=40&md5=849bda8cc0e54229a5722aaf243>>.
Type of production: Scientific paper **Format:** Journal
- 44** J. Maíz Apellániz; R.H. Barbá; S. Simón-Díaz; A. Sota; E. Trigueros Páez; J.A. Caballero; E.J. Alfaro. Lucky spectroscopy, an equivalent technique to lucky imaging spatially resolved spectroscopy of massive close visual binaries using the William Herschel telescope. *Astronomy and Astrophysics*. 615, 2018. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053703176&doi=10.1051%2f0004-6361%2f201832885&partnerID=40&md5=3a3632f35ab6b9ef1142a7c04f55>>.
Type of production: Scientific paper **Format:** Journal
- 45** E.J. Alfaro; C.G. Román-Zúñiga. Primordial mass and density segregation in a young molecular cloud. *Monthly Notices of the Royal Astronomical Society: Letters*. 478 - 1, pp. L110 - L115. 2018. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056782752&doi=10.1093%2fmnrasl%2fslsly075&partnerID=40&md5=cb9169204081f0a4731f392b350aff8c>>.
Type of production: Scientific paper **Format:** Journal
- 46** M.T. Costado; E.J. Alfaro. Spatial and kinematic structure of Monoceros star-forming region. *Monthly Notices of the Royal Astronomical Society*. 476 - 3, pp. 3160 - 3168. 2018. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85052495788&doi=10.1093%2fMNRAS%2fSTY447&partnerID=40&md5=7f10e3141bad2817c226f6742f899bdc>>.
Type of production: Scientific paper **Format:** Journal
- 47** I. San Roman; A.J. Cenarro; L.A. Díaz-García; C. López-Sanjuan; J. Varela; R.M. González Delgado; P. Sánchez-Blázquez; E.J. Alfaro; B. Ascaso; S. Bonoli; A. Borlaff; F.J. Castander; M. Cerviño; A. Fernández-Soto; I. Márquez; J. Masegosa; D. Muniesa; M. Pović; K. Viironen; J.A.L. Aguerri; N. Benítez; T. Broadhurst; J. Cabrera-Caño; J. Cepa; D. Cristóbal-Hornillos; L. Infante; V.J. Martínez; M. Moles; A. Del Olmo; J. Perea; F. Prada; J.M. Quintana. The ALHAMBRA survey: 2D analysis of the stellar populations in massive early-type galaxies at $z \approx 0.3$. *Astronomy and Astrophysics*. 609, 2018. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85039938024&doi=10.1051%2f0004-6361%2f201630313&partnerID=40&md5=f02454e39c9962a82354462d071>>.
Type of production: Scientific paper **Format:** Journal
- 48** L. Venuti; L. Prisinzano; G.G. Sacco; E. Flaccomio; R. Bonito; F. Damiani; G. Micela; M.G. Guarcello; S. Randich; J.R. Stauffer; A.M. Cody; R.D. Jeffries; S.H.P. Alencar; E.J. Alfaro; A.C. Lanzafame; E. Pancino; A. Bayo; G. Carraro; M.T. Costado; A. Frasca; P. Jofré; L. Morbidelli; S.G. Sousa; S. Zaggia. The Gaia -ESO Survey and CSI 2264: Substructures, disks, and sequential star formation in the young open cluster NGC 2264. *Astronomy and Astrophysics*. 609, 2018. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85039954466&doi=10.1051%2f0004-6361%2f201731103&partnerID=40&md5=9a768e3e23eef3d25b2a0c8187b>>.
Type of production: Scientific paper **Format:** Journal



49

X. Fu; D. Romano; A. Bragaglia; A. Mucciarelli; K. Lind; E. Delgado Mena; S.G. Sousa; S. Randich; A. Bressan; L. Sbordone; S. Martell; A.J. Korn; C. Abia; R. Smiljanic; P. Jofré; E. Pancino; G. Tautvaišiene; B. Tang; L. Magrini; A.C. Lanzafame; G. Carraro; T. Bensby; F. Damiani; E.J. Alfaro; E. Flaccomio; L. Morbidelli; S. Zaggia; C. Lardo; L. Monaco; A. Frasca; P. Donati; A. Drazdauskas; Y. Chorniy; A. Bayo; G. Kordopatis. The Gaia -ESO Survey: Lithium enrichment histories of the Galactic thick and thin disc. *Astronomy and Astrophysics*. 610, 2018. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042620138&doi=10.1051%2f0004-6361%2f201731677&partnerID=40&md5=2057a6992707da2323b3b7e8e35>>

Type of production: Scientific paper

Format: Journal

50

S. Randich; E. Tognelli; R. Jackson; R.D. Jeffries; S. Degl'Innocenti; E. Pancino; P.R. Fiorentin; A. Spagna; G. Sacco; A. Bragaglia; L. Magrini; P.G.P. Moroni; E. Alfaro; E. Franciosini; L. Morbidelli; V. Roccatagliata; H. Bouy; L. Bravi; F.M. Jiménez-Esteban; C. Jordi; E. Zari; G. Tautvaišiene; A. Drazdauskas; S. Mikolaitis; G. Gilmore; S. Feltzing; A. Vallenari; T. Bensby; S. Koposov; A. Korn; A. Lanzafame; R. Smiljanic; A. Bayo; G. Carraro; M.T. Costado; U. Heiter; A. Hourihane; P. Jofré; J. Lewis; L. Monaco; L. Prisinzano; L. Sbordone; S.G. Sousa; C.C. Worley; S. Zaggia. The Gaia -ESO Survey: Open clusters in Gaia -DR1: A way forward to stellar age calibration. *Astronomy and Astrophysics*. 612, 2018. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047217322&doi=10.1051%2f0004-6361%2f201731738&partnerID=40&md5=5799a53876bf24d17bc083897>>

Type of production: Scientific paper

Format: Journal

51

L. Magrini; L. Spina; S. Randich; E. Friel; G. Kordopatis; C. Worley; E. Pancino; A. Bragaglia; P. Donati; G. Tautvaišienė; V. Bagdonas; E. Delgado-Mena; V. Adibekyan; S.G. Sousa; F.M. Jiménez-Esteban; N. Sanna; V. Roccatagliata; R. Bonito; L. Sbordone; S. Duffau; G. Gilmore; S. Feltzing; R.D. Jeffries; A. Vallenari; E.J. Alfaro; T. Bensby; P. Francois; S. Koposov; A.J. Korn; A. Recio-Blanco; R. Smiljanic; A. Bayo; G. Carraro; A.R. Casey; M.T. Costado; F. Damiani; E. Franciosini; A. Frasca; A. Hourihane; P. Jofré; P. De Laverny; J. Lewis; T. Masseron; L. Monaco; L. Morbidelli; L. Prisinzano; G. Sacco; S. Zaggia. The Gaia -ESO Survey: The origin and evolution of s -process elements. *Astronomy and Astrophysics*. 617, 2018. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053794117&doi=10.1051%2f0004-6361%2f201832841&partnerID=40&md5=fc448c7813b5e89572bb903f938>>

Type of production: Scientific paper

Format: Journal

52

C. Bertelli Motta; A. Pasquali; J. Richer; G. Michaud; M. Salaris; A. Bragaglia; L. Magrini; S. Randich; E.K. Grebel; V. Adibekyan; S. Blanco-Cuaresma; A. Drazdauskas; X. Fu; S. Martell; G. Tautvaišiene; G. Gilmore; E.J. Alfaro; T. Bensby; E. Flaccomio; S.E. Koposov; A.J. Korn; A.C. Lanzafame; R. Smiljanic; A. Bayo; G. Carraro; A.R. Casey; M.T. Costado; F. Damiani; E. Franciosini; U. Heiter; A. Hourihane; P. Jofré; C. Lardo; J. Lewis; L. Monaco; L. Morbidelli; G.G. Sacco; S.G. Sousa; C.C. Worley; S. Zaggia. The Gaia-ESO Survey: Evidence of atomic diffusion in M67?. *Monthly Notices of the Royal Astronomical Society*. 478 - 1, pp. 425 - 438. 2018. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048515399&doi=10.1093%2fmnras%2fsty1011&partnerID=40&md5=8203f579c414339862c08295a4a307f0>>

Type of production: Scientific paper

Format: Journal

53

B.B. Thompson; C.G. Few; M. Bergemann; B.K. Gibson; B.A. MacFarlane; A. Serenelli; G. Gilmore; S. Randich; A. Vallenari; E.J. Alfaro; T. Bensby; P. Francois; A.J. Korn; A. Bayo; G. Carraro; A.R. Casey; M.T. Costado; P. Donati; E. Franciosini; A. Frasca; A. Hourihane; P. Jofré; V. Hill; U. Heiter; S.E. Koposov; A. Lanzafame; C. Lardo; P. de Laverny; J. Lewis; L. Magrini; G. Marconi; T. Masseron; L. Monaco; L. Morbidelli; E. Pancino; L. Prisinzano; A. Recio-Blanco; G. Sacco; S.G. Sousa; G. Tautvaišiene; C.C. Worley; S. Zaggia. The Gaia-ESO survey: Matching chemodynamical simulations to observations of the Milky Way. *Monthly Notices of the Royal Astronomical Society*. 473 - 1, pp. 185 - 197. 2018. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85039995776&doi=10.1093%2fMNRAS%2fSTX2316&partnerID=40&md5=1dcf36a01cdefcd1e62df02323d54dc0>>

Type of production: Scientific paper

Format: Journal

54

L. Nieves-Seoane; A. Fernandez-Soto; P. Arnalte-Mur; A. Molino; M. Stefanon; I. Ferreras; B. Ascaso; F.J. Ballesteros; D. Cristóbal-Hornillos; C. López-Sanjuán; L. Hurtado-Gil; I. Márquez; J. Masegosa; J.A.L. Aguerri; E. Alfaro; T. Aparicio-Villegas; N. Benítez; T. Broadhurst; J. Cabrera-Caño; F.J. Castander; J. Cepa; M. Cerviño; R.M. González Delgado; C. Husillos; L. Infante; V.J. Martínez; M. Moles; A. del Olmo; J. Perea; M. Pović; F. Prada; J.M. Quintana; P. Troncoso-Iribarren; K. Viironen. A Ks-band-selected catalogue of objects in the



ALHAMBRA survey. Monthly Notices of the Royal Astronomical Society. 464 - 4, pp. 4331 - 4348. 2017. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85014368891&doi=10.1093%2fmnras%2fstw2431&partnerID=40&md5=14d9d0946f5379679967f2d9763fa7d6>>.

Type of production: Scientific paper

Format: Journal

- 55** L. Sampedro; W.S. Dias; E.J. Alfaro; H. Monteiro; A. Molino. A multimembership catalogue for 1876 open clusters using UCAC4 data. Monthly Notices of the Royal Astronomical Society. 470 - 4, pp. 3937 - 3945. 2017. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85037147198&doi=10.1093%2fmnras%2fstx1485&partnerID=40&md5=b29edb7e1abfcba1fee0fb849490bee7>>.

Type of production: Scientific paper

Format: Journal

- 56** M.T. Costado; E.J. Alfaro; M. González; L. Sampedro. Analysis of the kinematic structure of the Cygnus OB1 association. Monthly Notices of the Royal Astronomical Society. 465 - 4, pp. 3879 - 3888. 2017. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85014873844&doi=10.1093%2fmnras%2fstw2967&partnerID=40&md5=fc2b3091fd429893bfa511d8ead435b4>>.

Type of production: Scientific paper

Format: Journal

- 57** J. Chaves-Montero; S. Bonoli; M. Salvato; N. Greisel; L.A. Díaz-García; C. López-Sanjuan; K. Viironen; A. Fernández-Soto; M. Pović; B. Ascaso; P. Arnalte-Mur; J. Masegosa; I. Matute; I. Márquez; A.J. Cenarro; L.R. Abramo; A. Ederoclite; E.J. Alfaro; A. Marin-Franch; J. Varela; D. Cristobal-Hornillos. ELДАР, a new method to identify AGN in multi-filter surveys: The ALHAMBRA test case. Monthly Notices of the Royal Astronomical Society. 472 - 2, pp. 2085 - 2106. 2017. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85040816486&doi=10.1093%2fmnras%2fstx2054&partnerID=40&md5=e6ebd72552abc9c619cba2d66a16d0d8>>.

Type of production: Scientific paper

Format: Journal

- 58** F. Damiani; A. Klutsch; R.D. Jeffries; S. Randich; L. Prisinzano; J. Maíz Apellániz; G. Micela; V. Kalari; A. Frasca; T. Zwitter; R. Bonito; G. Gilmore; E. Flaccomio; P. Francois; S. Koposov; A.C. Lanzafame; G.G. Sacco; A. Bayo; G. Carraro; A.R. Casey; E.J. Alfaro; M.T. Costado; P. Donati; E. Franciosini; A. Hourihane; P. Jofré; C. Lardo; J. Lewis; L. Magrini; L. Monaco; L. Morbidelli; C.C. Worley; J.S. Vink; S. Zaggia. Gaia-ESO Survey: Global properties of clusters Trumpler 14 and 16 in the Carina nebula. Astronomy and Astrophysics. 603, 2017. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85027052183&doi=10.1051%2f0004-6361%2f201629020&partnerID=40&md5=2ce7e466406b9315a77063da1fe>>.

Type of production: Scientific paper

Format: Journal

- 59** M. González; E.J. Alfaro. Phase-space structures and stellar populations in the star-forming region NGC 2264. Monthly Notices of the Royal Astronomical Society. 465 - 2, pp. 1889 - 1897. 2017. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85022216758&doi=10.1093%2fmnras%2fstw2855&partnerID=40&md5=a63c5b4fe15be29586f0b36f4fe5905d>>.

Type of production: Scientific paper

Format: Journal

- 60** C. López-Sanjuan; E. Tempel; N. Benítez; A. Molino; K. Viironen; L.A. Díaz-García; A. Fernández-Soto; W.A. Santos; J. Varela; A.J. Cenarro; M. Moles; P. Arnalte-Mur; B. Ascaso; A.D. Montero-Dorta; M. Pović; V.J. Martínez; L. Nieves-Seoane; M. Stefanon; L. Hurtado-Gil; I. Márquez; J. Perea; J.A.L. Aguerri; E. Alfaro; T. Aparicio-Villegas; T. Broadhurst; J. Cabrera-Caño; F.J. Castander; J. Cepa; M. Cerviño; D. Cristóbal-Hornillos; R.M. González Delgado; C. Husillos; L. Infante; J. Masegosa; A. Del Olmo; F. Prada; J.M. Quintana. The ALHAMBRA survey: B-band luminosity function of quiescent and star-forming galaxies at $0.2 \leq z < 1$ by PDF analysis. Astronomy and Astrophysics. 599, 2017. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85014374801&doi=10.1051%2f0004-6361%2f201629517&partnerID=40&md5=d529476424c0f59662b2f87e818e>>.

Type of production: Scientific paper

Format: Journal

- 61** A. Rojas-Arriagada; A. Recio-Blanco; P. De Laverny; Š. Mikolaitis; F. Matteucci; E. Spitoni; M. Schultheis; M. Hayden; V. Hill; M. Zoccali; D. Minniti; O.A. Gonzalez; G. Gilmore; S. Randich; S. Feltzing; E.J. Alfaro; C. Babusiaux; T. Bensby; A. Bragaglia; E. Flaccomio; S.E. Koposov; E. Pancino; A. Bayo; G. Carraro; A.R. Casey; M.T. Costado; F. Damiani; P. Donati; E. Franciosini; A. Hourihane; P. Jofré;



C. Lardo; J. Lewis; K. Lind; L. Magrini; L. Morbidelli; G.G. Sacco; C.C. Worley; S. Zaggia. The Gaia -ESO Survey: Exploring the complex nature and origins of the Galactic bulge populations. *Astronomy and Astrophysics*. 601, 2017. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019918169&doi=10.1051%2f0004-6361%2f201629160&partnerID=40&md5=91ccc89005a32ac778534a926ef4>>

Type of production: Scientific paper

Format: Journal

62 L. Magrini; S. Randich; G. Kordopatis; N. Prantzos; D. Romano; A. Chieffi; M. Limongi; P. François; E. Pancino; E. Friel; A. Bragaglia; G. Tautvaišienė; L. Spina; J. Overbeek; T. Cantat-Gaudin; P. Donati; A. Vallenari; R. Sordo; F.M. Jiménez-Esteban; B. Tang; A. Drazdauskas; S. Sousa; S. Duffau; P. Jofré; G. Gilmore; S. Feltzing; E. Alfaro; T. Bensby; E. Flaccomio; S. Koposov; A. Lanzafame; R. Smiljanic; A. Bayo; G. Carraro; A.R. Casey; M.T. Costado; F. Damiani; E. Franciosini; A. Hourihane; C. Lardo; J. Lewis; L. Monaco; L. Morbidelli; G. Sacco; L. Sbordone; C.C. Worley; S. Zaggia. The Gaia -ESO Survey: radial distribution of abundances in the Galactic disc from open clusters and young-field stars. *Astronomy and Astrophysics*. 603, 2017. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85022183427&doi=10.1051%2f0004-6361%2f201630294&partnerID=40&md5=96c9c326ba6266125f895ee667a>>

Type of production: Scientific paper

Format: Journal

63 R.D. Jeffries; R.J. Jackson; E. Franciosini; S. Randich; D. Barrado; A. Frasca; A. Klutsch; A.C. Lanzafame; L. Prisinzano; G.G. Sacco; G. Gilmore; A. Vallenari; E.J. Alfaro; S.E. Koposov; E. Pancino; A. Bayo; A.R. Casey; M.T. Costado; F. Damiani; A. Hourihane; J. Lewis; P. Jofré; L. Magrini; L. Monaco; L. Morbidelli; C.C. Worley; S. Zaggia; T. Zwitter. The Gaia-ESO Survey: Lithium depletion in the Gamma Velorum cluster and inflated radii in low-mass pre-main-sequence stars. *Monthly Notices of the Royal Astronomical Society*. 464 - 2, pp. 1456 - 1465. 2017. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85014675744&doi=10.1093%2fmnras%2fstw2458&partnerID=40&md5=5739339416e60731eb4396d647699a45>>

Type of production: Scientific paper

Format: Journal

64 A. Recio-Blanco; A. Rojas-Arriagada; P. De Laverny; S. Mikolaitis; V. Hill; M. Zoccali; J.G. Fernández-Trincado; A.C. Robin; C. Babusiaux; G. Gilmore; S. Randich; E. Alfaro; C. Allende Prieto; A. Bragaglia; G. Carraro; P. Jofré; C. Lardo; L. Monaco; L. Morbidelli; S. Zaggia. The Gaia-ESO Survey: Low- α element stars in the Galactic bulge. *Astronomy and Astrophysics*. 602, 2017. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85021453295&doi=10.1051%2f0004-6361%2f201630220&partnerID=40&md5=a0521c41e59c5d65f20081470aa>>

Type of production: Scientific paper

Format: Journal

65 E. Pancino; D. Romano; B. Tang; G. Tautvaišienė; A.R. Casey; P. Gruyters; D. Geisler; I. San Roman; S. Randich; E.J. Alfaro; A. Bragaglia; E. Flaccomio; A.J. Korn; A. Recio-Blanco; R. Smiljanic; G. Carraro; A. Bayo; M.T. Costado; F. Damiani; P. Jofré; C. Lardo; P. De Laverny; L. Monaco; L. Morbidelli; L. Sbordone; S.G. Sousa; S. Villanova. The Gaia-ESO Survey: Mg-Al anti-correlation in iDR4 globular clusters. *Astronomy and Astrophysics*. 601, 2017. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019552349&doi=10.1051%2f0004-6361%2f201730474&partnerID=40&md5=b94feac264532c1381f945ab6479>>

Type of production: Scientific paper

Format: Journal

66 G.G. Sacco; L. Spina; S. Randich; F. Palla; R.J. Parker; R.D. Jeffries; R. Jackson; M.R. Meyer; M. Mapelli; A.C. Lanzafame; R. Bonito; F. Damiani; E. Franciosini; A. Frasca; A. Klutsch; L. Prisinzano; E. Tognelli; S. Degl'Innocenti; P.G. Prada Moroni; E.J. Alfaro; G. Micela; T. Prusti; D. Barrado; K. Biazzo; H. Bouy; L. Bravi; J. Lopez-Santiago; N.J. Wright; A. Bayo; G. Gilmore; A. Bragaglia; E. Flaccomio; S.E. Koposov; E. Pancino; A.R. Casey; M.T. Costado; P. Donati; A. Hourihane; P. Jofré; C. Lardo; J. Lewis; L. Magrini; L. Monaco; L. Morbidelli; S.G. Sousa; C.C. Worley; S. Zaggia. The Gaia-ESO Survey: Structural and dynamical properties of the young cluster Chamaeleon i. *Astronomy and Astrophysics*. 601, 2017. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018901899&doi=10.1051%2f0004-6361%2f201629698&partnerID=40&md5=bd7e7b0251aad119b9e23d59af3>>

Type of production: Scientific paper

Format: Journal

67 E. Pancino; C. Lardo; G. Altavilla; S. Marinoni; S. Ragaini; G. Cocozza; M. Bellazzini; E. Sabbi; M. Zoccali; P. Donati; U. Heiter; S.E. Koposov; R. Blomme; T. Morel; S. Simon-Díaz; A. Lobel; C. Soubiran; J. Montalbán; M. Valentini; A.R. Casey; S. Blanco-Cuaresma; P. Jofré; C.C. Worley; L. Magrini; A. Hourihane; P. François;

S. Feltzing; G. Gilmore; S. Randich; M. Asplund; P. Bonifacio; J.E. Drew; R.D. Jeffries; G. Micela; A. Vallenari; E.J. Alfaro; C. Allende Prieto; C. Babusiaux; T. Bensby; A. Bragaglia; E. Flaccomio; N. Hambly; A.J. Korn; A.C. Lanzafame; R. Smiljanic; S. Van Eck; N.A. Walton; A. Bayo; G. Carraro; M.T. Costado; F. Damiani; B. Edvardsson; E. Franciosini; A. Frasca; J. Lewis; L. Monaco; L. Morbidelli; L. Prisinzano; G.G. Sacco; L. Sbordone; S.G. Sousa; S. Zaggia; A. Koch. The Gaia-ESO survey: Calibration strategy. *Astronomy and Astrophysics*. 598, 2017. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85011012862&doi=10.1051%2f0004-6361%2f201629450&partnerID=40&md5=d8446e11f5277aadb3b42344444>>

Type of production: Scientific paper

Format: Journal

68 M. Monguió; I. Negueruela; A. Marco; C. González-Fernández; J. Alonso-Santiago; M.T. Costado; L. Casamiquela; M. López-Corredoira; J. Molgó; F. Vilardell; E.J. Alfaro; T. Antoja; F. Figueras; M. García; C. Jordi; M. Romero-Gómez. The young open cluster NGC 7067 using Strömgren photometry. *Monthly Notices of the Royal Astronomical Society*. 466 - 3, pp. 3636 - 3647. 2017. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018366645&doi=10.1093%2fmnras%2fstw3302&partnerID=40&md5=4537a98542bb3102e406e1b213875e75>>

Type of production: Scientific paper

Format: Journal

69 P. Troncoso Iribarren; L. Infante; N. Padilla; I. Lacerna; S. Garcia; A. Orsi; A. Muñoz Arancibia; J. Moustakas; D. Cristóbal-Hornillos; M. Moles; A. Fernández-Soto; V.J. Martínez; M. Cerviño; E.J. Alfaro; B. Ascaso; P. Arnalte-Mur; L. Nieves-Seoane; N. Benítez. Evolution of Balmer jump selected galaxies in the ALHAMBRA survey. *Astronomy and Astrophysics*. 588, 2016. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84964325842&doi=10.1051%2f0004-6361%2f201527552&partnerID=40&md5=177e631db30bd5aabb15848298a>>

Type of production: Scientific paper

Format: Journal

70 F. Damiani; R. Bonito; L. Magrini; L. Prisinzano; M. Mapelli; G. Micela; V. Kalari; J. Maíz Apellániz; G. Gilmore; S. Randich; E. Alfaro; E. Flaccomio; S. Koposov; A. Klutsch; A.C. Lanzafame; E. Pancino; G.G. Sacco; A. Bayo; G. Carraro; A.R. Casey; M.T. Costado; E. Franciosini; A. Hourihane; C. Lardo; J. Lewis; L. Monaco; L. Morbidelli; C. Worley; S. Zaggia; T. Zwitter; R. Dorda. Gaia-ESO Survey: Gas dynamics in the Carina nebula through optical emission lines. *Astronomy and Astrophysics*. 591, 2016. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84975270390&doi=10.1051%2f0004-6361%2f201628169&partnerID=40&md5=39cb74f92243fc3192b7b27f9e0a>>

Type of production: Scientific paper

Format: Journal

71 E.J. Alfaro; M. González. Looking for phase-space structures in star-forming regions: An MST-based methodology. *Monthly Notices of the Royal Astronomical Society*. 456 - 3, pp. 2900 - 2906. 2016. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84964502202&doi=10.1093%2fmnras%2fstv2822&partnerID=40&md5=574623029eee02e573884c77b7f4b94e>>

Type of production: Scientific paper

Format: Journal

72 B. Vicente; N. Sánchez; E.J. Alfaro. NGC 2548: Clumpy spatial and kinematic structure in an intermediate-age Galactic cluster. *Monthly Notices of the Royal Astronomical Society*. 461 - 3, 2016. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84983781434&doi=10.1093%2fmnras%2fstw1487&partnerID=40&md5=2258e7195742c0c08b4fa5fb80c7c87f>>

Type of production: Scientific paper

Format: Journal

73 J.I. Arias; N.R. Walborn; S.S. Díaz; R.H. Barbá; J.M. Apellániz; C. Sabín-Sanjulián; R.C. Gamen; N.I. Morrell; A. Sota; A. Marco; I. Negueruela; J.R.S. Leão; A. Herrero; E.J. Alfaro. SPECTRAL CLASSIFICATION and PROPERTIES of the O Vz STARS in the GALACTIC O-STAR SPECTROSCOPIC SURVEY (GOSSS). *Astronomical Journal*. 152 - 2, 2016. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84983447761&doi=10.3847%2f0004-6256%2f152%2f2%2f31&partnerID=40&md5=e96fce876b4a9a95c652f762a>>

Type of production: Scientific paper

Format: Journal

- 74** L. Sampedro; E.J. Alfaro. Stellar open clusters' membership probabilities: An N-dimensional geometrical approach. *Monthly Notices of the Royal Astronomical Society*. 457 - 4, pp. 3949 - 3962. 2016. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84963807761&doi=10.1093%2fmnras%2fstw243&partnerID=40&md5=38a0ff18b4bf83ac56781c55c021acea>>.
Type of production: Scientific paper **Format:** Journal
- 75** L. Hurtado-Gil; P. Arnalte-Mur; V.J. Martínez; A. Fernández-Soto; M. Stefanon; B. Ascaso; C. López-Sanjuán; I. Márquez; M. Pović; K. Viironen; J.A.L. Aguerri; E. Alfaro; T. Aparicio-Villegas; N. Benitez; T. Broadhurst; J. Cabrera-Cano; F.J. Castander; J. Cepa; M. Cervino; D. Cristóbal-Hornillos; R.M.G. Delgado; C. Husillos; L. Infante; J. Masegosa; M. Moles; A. Molino; A.D. Olmo; S. Paredes; J. Perea; F. Prada; J.M. Quintana. THE ALHAMBRA SURVEY: EVOLUTION OF GALAXY SPECTRAL SEGREGATION. *Astrophysical Journal*. 818 - 2, 2016. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84960089258&doi=10.3847%2f0004-637X%2f818%2f2%2f174&partnerID=40&md5=210c510e883c46002199982e74a58184>>.
Type of production: Scientific paper **Format:** Journal
- 76** J.M. Apellániz; A. Sota; J.I. Arias; R.H. Barbá; N.R. Walborn; S. Simón-Díaz; I. Negueruela; A. Marco; J.R.S. Leão; A. Herrero; R.C. Gamen; E.J. Alfaro. THE GALACTIC O-STAR SPECTROSCOPIC SURVEY (GOSSS). III. 142 ADDITIONAL O-TYPE SYSTEMS. *Astrophysical Journal, Supplement Series*. 224 - 1, 2016. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84977675337&doi=10.3847%2f0067-0049%2f224%2f1%2f4&partnerID=40&md5=3667e03b7a3b72b980b899f45>>.
Type of production: Scientific paper **Format:** Journal
- 77** H.R. Jacobson; E.D. Friel; L. Jílková; L. Magrini; A. Bragaglia; A. Vallenari; M. Tosi; S. Randich; P. Donati; T. Cantat-Gaudin; R. Sordo; R. Smiljanic; J.C. Overbeek; G. Carraro; G. Tautvaišiene; I. San Roman; S. Villanova; D. Geisler; C. Muñoz; F. Jiménez-Esteban; B. Tang; G. Gilmore; E.J. Alfaro; T. Bensby; E. Flaccomio; S.E. Koposov; A.J. Korn; E. Pancino; A. Recio-Blanco; A.R. Casey; M.T. Costado; E. Franciosini; U. Heiter; V. Hill; A. Hourihane; C. Lardo; P. De Laverny; J. Lewis; L. Monaco; L. Morbidelli; G.G. Sacco; S.G. Sousa; C.C. Worley; S. Zaggia. The Gaia -ESO Survey: Probes of the inner disk abundance gradient. *Astronomy and Astrophysics*. 591, 2016. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84974534206&doi=10.1051%2f0004-6361%2f201527654&partnerID=40&md5=9b49072d5c7f0d99581afc53bab1>>.
Type of production: Scientific paper **Format:** Journal
- 78** A. Rojas-Arriagada; A. Recio-Blanco; P. De Laverny; M. Schultheis; G. Guiglion; S. Mikolaitis; G. Kordopatis; V. Hill; G. Gilmore; S. Randich; E.J. Alfaro; T. Bensby; S.E. Koposov; M.T. Costado; E. Franciosini; A. Hourihane; P. Jofré; C. Lardo; J. Lewis; K. Lind; L. Magrini; L. Monaco; L. Morbidelli; G.G. Sacco; C.C. Worley; S. Zaggia; C. Chiappini. The Gaia -ESO Survey: Separating disk chemical substructures with cluster models*: Evidence of a separate evolution in the metal-poor thin disk. *Astronomy and Astrophysics*. 586, 2016. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84957003987&doi=10.1051%2f0004-6361%2f201526969&partnerID=40&md5=52416ea946aa3188e223a05ee72>>.
Type of production: Scientific paper **Format:** Journal
- 79** L. Prisinzano; F. Damiani; G. Micela; R.D. Jeffries; E. Franciosini; G.G. Sacco; A. Frasca; A. Klutsch; A. Lanzafame; E.J. Alfaro; K. Biazzo; R. Bonito; A. Bragaglia; M. Caramazza; A. Vallenari; G. Carraro; M.T. Costado; E. Flaccomio; P. Jofré; C. Lardo; L. Monaco; L. Morbidelli; N. Mowlavi; E. Pancino; S. Randich; S. Zaggia. The Gaia-ESO Survey: Membership and initial mass function of the γ Velorum cluster. *Astronomy and Astrophysics*. 589, 2016. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84964827809&doi=10.1051%2f0004-6361%2f201527875&partnerID=40&md5=78c3069ed13632054fc1b58846a>>.
Type of production: Scientific paper **Format:** Journal
- 80** A.J. Delgado; L. Sampedro; E.J. Alfaro; M.T. Costado; J.L. Yun; A. Frasca; A.C. Lanzafame; J.E. Drew; J. Eislöffel; R. Blomme; T. Morel; A. Lobel; T. Semaan; S. Randich; R.D. Jeffries; G. Micela; A. Vallenari; V. Kalari; G. Gilmore; E. Flaccomio; G. Carraro; C. Lardo; L. Monaco; L. Prisinzano; S.G. Sousa; L. Morbidelli; J. Lewis; S. Koposov; A. Hourihane; C. Worley; A. Casey; E. Franciosini; G. Sacco; L. Magrini. The Gaia-ESO Survey: Pre-main-sequence stars in the young open cluster NGC



3293. Monthly Notices of the Royal Astronomical Society. 460 - 3, pp. 3305 - 3315. 2016. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84983247319&doi=10.1093%2fmnras%2fstw1217&partnerID=40&md5=fcb1b075be0a7c1ddc19f51889c3b077>>.

Type of production: Scientific paper

Format: Journal

- 81** E. Rigliaco; B. Wilking; M.R. Meyer; R.D. Jeffries; M. Cottaar; A. Frasca; N.J. Wright; A. Bayo; R. Bonito; F. Damiani; R.J. Jackson; F. Jiménez-Esteban; V.M. Kalari; A. Klutsch; A.C. Lanzafame; G. Sacco; G. Gilmore; S. Randich; E.J. Alfaro; A. Bragaglia; M.T. Costado; E. Franciosini; C. Lardo; L. Monaco; L. Morbidelli; L. Prisinzano; S.G. Sousa; S. Zaggia. The Gaia-ESO survey: Dynamical analysis of the L1688 region in Ophiuchus. *Astronomy and Astrophysics*. 588, 2016. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84963860913&doi=10.1051%2f0004-6361%2f201527253&partnerID=40&md5=c58771a71c84884c6ec958c39f4b>>.

Type of production: Scientific paper

Format: Journal

- 82** L.A. Díaz-García; A.J. Cenarro; C. López-Sanjuan; I. Ferreras; J. Varela; K. Viironen; D. Cristóbal-Hornillos; M. Moles; A. Marín-Franch; P. Arnalte-Mur; B. Ascaso; M. Cerviño; R.M. González Delgado; I. Márquez; J. Masegosa; A. Molino; M. Povic; E. Alfaro; T. Aparicio-Villegas; N. Benítez; T. Broadhurst; J. Cabrera-Caño; F.J. Castander; J. Cepa; A. Fernández-Soto; C. Husillos; L. Infante; J.A.L. Aguerri; V.J. Martínez; A. del Olmo; J. Perea; F. Prada; J.M. Quintana; N. Gruel. Stellar populations of galaxies in the ALHAMBRA survey up to $z \sim 1$. I. MUFFIT: A multi-filter fitting code for stellar population diagnostics. *Astronomy and Astrophysics*. 582, pp. A14 - A14. 10/2015.

Type of production: Scientific paper

Format: Journal

- 83** M. Sánchez-Portal; I. Pintos-Castro; R. Pérez-Martínez; J. Cepa; A.M. Pérez García; H. Domínguez-Sánchez; A. Bongiovanni; A.L. Serra; E. Alfaro; B. Altieri; A. Aragón-Salamanca; C. Balkowski; A. Biviano; M. Bremer; F. Castander; H. Castañeda; N. Castro-Rodríguez; A.L. Chies-Santos; D. Coia; A. Diaferio; P.A. Duc; A. Ederoclite; J. Geach; I. González-Serrano; C.P. Haines; B. McBreen; L. Metcalfe; I. Oteo; I. Pérez-Fournón; B. Poggianti; J. Poednikova; M. Ramón-Pérez; J.M. Rodríguez-Espinosa; J.S. Santos; I. Smail; G.P. Smith; S. Temporin; I. Valtchanov. GLACE survey: OSIRIS/GTC tuneable filter H α imaging of the rich galaxy cluster ZwCl 0024.0+1652 at $z = 0.395$. I. Survey presentation, TF data reduction techniques, and catalogue. *Astronomy and Astrophysics*. 578, pp. A30 - A30. 06/2015.

Type of production: Scientific paper

Format: Journal

- 84** M.C. Sánchez-Gil; E.J. Alfaro; E. Pérez. Corrugated velocity patterns in the spiral galaxies: NGC 278, NGC 1058, NGC 2500 & UGC 3574. *Monthly Notices of the Royal Astronomical Society*. 454 - 4, pp. 3376 - 3390. 2015. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84949256256&doi=10.1093%2fmnras%2fstv2206&partnerID=40&md5=7d62b3d451f06fd6d3784c4d974b0c9d>>.

Type of production: Scientific paper

Format: Journal

- 85** G.A. Wade; R.H. Barbá; J. Grunhut; F. Martins; V. Petit; J. Sundqvist; R.H.D. Townsend; N.R. Walborn; E. Alecian; E.J. Alfaro; J. Maíz Apellániz; J.I. Arias; R. Gamen; N. Morrell; Y. Nazé; A. Sota; A. Ud-Doula. Erratum: Rotation, spectral variability, magnetic geometry and magnetosphere of the of? P star CPD -28° 2561. *Monthly Notices of the Royal Astronomical Society*. 450 - 3, pp. 2822 - 2823. 2015. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84930841672&doi=10.1093%2fmnras%2fstv808&partnerID=40&md5=d899c62a4d015917fce929e43ca18a7e>>.

Type of production: Scientific paper

Format: Journal

- 86** M. Sánchez-Portal; I. Pintos-Castro; R. Pérez-Martínez; J. Cepa; A.M. Pérez García; H. Domínguez-Sánchez; A. Bongiovanni; A.L. Serra; E. Alfaro; B. Altieri; A. Aragón-Salamanca; C. Balkowski; A. Biviano; M. Bremer; F. Castander; H. Castañeda; N. Castro-Rodríguez; A.L. Chies-Santos; D. Coia; A. Diaferio; P.A. Duc; A. Ederoclite; J. Geach; I. González-Serrano; C.P. Haines; B. McBreen; L. Metcalfe; I. Oteo; I. Pérez-Fournón; B. Poggianti; J. Poednikova; M. Ramón-Pérez; J.M. Rodríguez-Espinosa; J.S. Santos; I. Smail; G.P. Smith; S. Temporin; I. Valtchanov. GLACE survey: OSIRIS/GTC tuneable filter H α imaging of the rich galaxy cluster ZwCl 0024.0+1652 at $z = 0.395$: I. Survey presentation, TF data reduction techniques, and catalogue. *Astronomy and Astrophysics*. 578, 2015. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84930942463&doi=10.1051%2f0004-6361%2f201525620&partnerID=40&md5=9fa8c5003f64486a5d94ca44c8eb>>.

Type of production: Scientific paper

Format: Journal

- 87** A.C. Lanzafame; A. Frasca; F. Damiani; E. Franciosini; M. Cottaar; S.G. Sousa; H.M. Taberbero; A. Klutsch; L. Spina; K. Biazzo; L. Prisinzano; G.G. Sacco; S. Randich; E. Brugaletta; E. Delgado Mena; V. Adibekyan; D. Montes; R. Bonito; J.F. Gameiro; J.M. Alcalá; J.I. González Hernández; R. Jeffries; S. Messina; M. Meyer; G. Gilmore; M. Asplund; J. Binney; P. Bonifacio; J.E. Drew; S. Feltzing; A.M.N. Ferguson; G. Micela; I. Negueruela; T. Prusti; H.-W. Rix; A. Vallenari; E.J. Alfaro; C. Allende Prieto; C. Babusiaux; T. Bensby; R. Blomme; A. Bragaglia; E. Flaccomio; P. Francois; N. Hambly; M. Irwin; S.E. Koposov; A.J. Korn; R. Smiljanic; S. Van Eck; N. Walton; A. Bayo; M. Bergemann; G. Carraro; M.T. Costado; B. Edvardsson; U. Heiter; V. Hill; A. Hourihane; R.J. Jackson; P. Jofré; C. Lardo; J. Lewis; K. Lind; L. Magrini; G. Marconi; C. Martayan; T. Masseron; L. Monaco; L. Morbidelli; L. Sbordone; C.C. Worley; S. Zaggia. Gaia-ESO Survey: Analysis of pre-main sequence stellar spectra. *Astronomy and Astrophysics*. 576, 2015. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84926474514&doi=10.1051%2f0004-6361%2f201424759&partnerID=40&md5=c36b51025e044a8f2260a1336c0f>>
- Type of production:** Scientific paper **Format:** Journal
- 88** B. Ascaso; N. Benítez; A. Fernández-Soto; P. Arnalte-Mur; C. López-sanjuan; A. Molino; W. Schoenell; Y. Jiménez-Teja; A.I. Merson; M. Huertas-Company; L.A. Díaz-García; V.J. Martínez; A.J. Cenarro; R. Dupke; I. Márquez; J. Masegosa; L. Nieves-Seoane; M. Pović; J. Varela; K. Viironen; J.A.L. Aguerri; A. D. Olmo; M. Moles; J. Perea; E. Alfaro; T. Aparicio-Villegas; T. Broadhurst; J. Cabrera-Cañó; F.J. Castander; J. Cepa; M. Cerviño; R.M.G. Delgado; D. Cristóbal-hornillos; L. Hurtado-Gil; C. Husillos; L. Infante; F. Prada; J.M. Quintana. Galaxy clusters and groups in the ALHAMBRA survey. *Monthly Notices of the Royal Astronomical Society*. 452 - 1, pp. 549 - 565. 2015. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84940099837&doi=10.1093%2fmnras%2fstv1317&partnerID=40&md5=9cdd08997b770ec3436c074004af9e1b>>
- Type of production:** Scientific paper **Format:** Journal
- 89** K. Viironen; A. Marín-Franch; C. López-Sanjuan; J. Varela; J. Chaves-Montero; D. Cristóbal-Hornillos; A. Molino; A. Fernández-Soto; G. Vilella-Rojo; B. Ascaso; A.J. Cenarro; M. Cerviño; J. Cepa; A. Ederoclite; I. Márquez; J. Masegosa; M. Moles; I. Oteo; M. Pović; J.A.L. Aguerri; E. Alfaro; T. Aparicio-Villegas; N. Benítez; T. Broadhurst; J. Cabrera-Cañó; J.F. Castander; A. Del Olmo; R.M. González Delgado; C. Husillos; L. Infante; V.J. Martínez; J. Perea; F. Prada; J.M. Quintana. High redshift galaxies in the ALHAMBRA survey: I. Selection method and number counts based on redshift PDFs. *Astronomy and Astrophysics*. 576, 2015. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84925362970&doi=10.1051%2f0004-6361%2f201425382&partnerID=40&md5=04cadc049ad946d985f24fc70e7c>>
- Type of production:** Scientific paper **Format:** Journal
- 90** G.A. Wade; R.H. Barbá; J. Grunhut; F. Martins; V. Petit; J.O. Sundqvist; R.H.D. Townsend; N.R. Walborn; E. Alecian; E.J. Alfaro; J. Maíz Apellániz; J.I. Arias; R. Gamen; N. Morrell; Y. Nazé; A. Sota; A. Ud-Doula. Rotation, spectral variability, magnetic geometry and magnetosphere of the Of?p star CPD -28° 2561. *Monthly Notices of the Royal Astronomical Society*. 447 - 3, pp. 2551 - 2567. 2015. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84923102565&doi=10.1093%2fmnras%2fstu2548&partnerID=40&md5=7d7164138abd780dcd1dd5d756b6850d>>
- Type of production:** Scientific paper **Format:** Journal
- 91** R. Gamen; C. Putkuri; N.I. Morrell; R.H. Barbá; J.I. Arias; J. Maíz Apellániz; N.R. Walborn; A. Sota; E.J. Alfaro. Spectroscopic and photometric analysis of the early-type spectroscopic binary HD 161853 in the centre of an H II region. *Astronomy and Astrophysics*. 584, 2015. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84947563412&doi=10.1051%2f0004-6361%2f201425558&partnerID=40&md5=b5d46041c5f0303a8c707292504>>
- Type of production:** Scientific paper **Format:** Journal
- 92** L.A. Díaz-García; A.J. Cenarro; C. López-Sanjuan; I. Ferreras; J. Varela; K. Viironen; D. Cristóbal-Hornillos; M. Moles; A. Marín-Franch; P. Arnalte-Mur; B. Ascaso; M. Cerviño; R.M. González Delgado; I. Márquez; J. Masegosa; A. Molino; M. Pović; E. Alfaro; T. Aparicio-Villegas; N. Benítez; T. Broadhurst; J. Cabrera-Cañó; F.J. Castander; J. Cepa; A. Fernández-Soto; C. Husillos; L. Infante; J.A.L. Aguerri; V.J. Martínez; A. Del Olmo; J. Perea; F. Prada; J.M. Quintana; N. Gruel. Stellar populations of galaxies in the ALHAMBRA



survey up to $z \sim 1$: I. MUFFIT: A multi-filter fitting code for stellar population diagnostics. *Astronomy and Astrophysics*. 582, 2015. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84942790616&doi=10.1051%2f0004-6361%2f201425582&partnerID=40&md5=9bc34ed180d5a94a8b15281cf9a>>

Type of production: Scientific paper

Format: Journal

- 93** C. López-Sanjuan; A.J. Cenarro; J. Varela; K. Viironen; A. Molino; N. Benítez; P. Arnalte-Mur; B. Ascaso; L.A. Díaz-García; A. Fernández-Soto; Y. Jiménez-Teja; I. Márquez; J. Masegosa; M. Moles; M. Pović; J.A.L. Aguerri; E. Alfaro; T. Aparicio-Villegas; T. Broadhurst; J. Cabrera-Caño; F.J. Castander; J. Cepa; M. Cerviño; D. Cristóbal-Hornillos; A. Del Olmo; R.M. González Delgado; C. Husillos; L. Infante; V.J. Martínez; J. Perea; F. Prada; J.M. Quintana. The ALHAMBRA survey: Accurate merger fractions derived by PDF analysis of photometrically close pairs. *Astronomy and Astrophysics*. 576, 2015. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84926386066&doi=10.1051%2f0004-6361%2f201424913&partnerID=40&md5=40bd784b1d16dc9f8a3169effff1fd>>

Type of production: Scientific paper

Format: Journal

- 94** C. López-Sanjuan; A.J. Cenarro; C. Hernández-Monteagudo; P. Arnalte-Mur; J. Varela; K. Viironen; A. Fernández-Soto; V.J. Martínez; E. Alfaro; B. Ascaso; A. Del Olmo; L.A. Díaz-García; L.I. Hurtado-Gil; M. Moles; A. Molino; J. Perea; M. Pović; J.A.L. Aguerri; T. Aparicio-Villegas; N. Benítez; T. Broadhurst; J. Cabrera-Caño; F.J. Castander; J. Cepa; M. Cerviño; D. Cristóbal-Hornillos; R.M. González Delgado; C. Husillos; L. Infante; I. Márquez; J. Masegosa; F. Prada; J.M. Quintana. The ALHAMBRA survey: Estimation of the clustering signal encoded in the cosmic variance. *Astronomy and Astrophysics*. 582, 2015. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84942788180&doi=10.1051%2f0004-6361%2f201526731&partnerID=40&md5=d1d9c71503ad002f57e71e9e594>>

Type of production: Scientific paper

Format: Journal

- 95** L. Spina; F. Palla; S. Randich; G. Sacco; R. Jeffries; L. Magrini; E. Franciosini; M.R. Meyer; G. Tautvaišienė; G. Gilmore; E.J. Alfaro; C. Allende Prieto; T. Bensby; A. Bragaglia; E. Flaccomio; S.E. Koposov; A.C. Lanzafame; M.T. Costado; A. Hourihane; C. Lardo; J. Lewis; L. Monaco; L. Morbidelli; S.G. Sousa; C.C. Worley; S. Zaggia. The Gaia -ESO Survey: Chemical signatures of rocky accretion in a young solar-type star. *Astronomy and Astrophysics*. 582, 2015. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84943748089&doi=10.1051%2f0004-6361%2f201526896&partnerID=40&md5=7b55461900e64643d005fc64feb2>>

Type of production: Scientific paper

Format: Journal

- 96** R.J. Jackson; R.D. Jeffries; J. Lewis; S.E. Koposov; G.G. Sacco; S. Randich; G. Gilmore; M. Asplund; J. Binney; P. Bonifacio; J.E. Drew; S. Feltzing; A.M.N. Ferguson; G. Micela; I. Neguerela; T. Prusti; H.-W. Rix; A. Vallenari; E.J. Alfaro; C. Allende Prieto; C. Babusiaux; T. Bensby; R. Blomme; A. Bragaglia; E. Flaccomio; P. Francois; N. Hambly; M. Irwin; A.J. Korn; A.C. Lanzafame; E. Pancino; A. Recio-Blanco; R. Smiljanic; S. Van Eck; N. Walton; A. Bayo; M. Bergemann; G. Carraro; M.T. Costado; F. Damiani; B. Edvardsson; E. Franciosini; A. Frasca; U. Heiter; V. Hill; A. Hourihane; P. Jofré; C. Lardo; P. De Laverny; K. Lind; L. Magrini; G. Marconi; C. Martayan; T. Masseron; L. Monaco; L. Morbidelli; L. Prisinzano; L. Sbordone; S.G. Sousa; C.C. Worley; S. Zaggia. The Gaia -ESO Survey: Empirical determination of the precision of stellar radial velocities and projected rotation velocities. *Astronomy and Astrophysics*. 580, 2015. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84938867148&doi=10.1051%2f0004-6361%2f201526248&partnerID=40&md5=59ec48a6b9d3d0c3c967442ba17>>

Type of production: Scientific paper

Format: Journal

- 97** M. Mapelli; A. Vallenari; R.D. Jeffries; E. Gavagnin; T. Cantat-Gaudin; G.G. Sacco; M.R. Meyer; E.J. Alfaro; M. Costado; F. Damiani; A. Frasca; A.C. Lanzafame; S. Randich; R. Sordo; S. Zaggia; G. Micela; E. Flaccomio; E. Pancino; M. Bergemann; A. Hourihane; C. Lardo; L. Magrini; L. Morbidelli; L. Prisinzano; C.C. Worley. The Gaia -ESO Survey: N -body modelling of the Gamma Velorum cluster. *Astronomy and Astrophysics*. 578, 2015. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84930943053&doi=10.1051%2f0004-6361%2f201425514&partnerID=40&md5=5102ea7994c7c40081822ca6b5b>>

Type of production: Scientific paper

Format: Journal

- 98** M. Schultheis; G. Kordopatis; A. Recio-Blanco; P. De Laverny; V. Hill; G. Gilmore; E.J. Alfaro; M.T. Costado; T. Bensby; F. Damiani; S. Feltzing; E. Flaccomio; C. Lardo; P. Jofre; L. Prisinzano; S. Zaggia; F. Jimenez-Esteban; L. Morbidelli; A.C. Lanzafame; A. Hourihane; C. Worley; P. Francois. The Gaia -ESO Survey: Tracing interstellar extinction. *Astronomy and Astrophysics*. 577, 2015. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84930508364&doi=10.1051%2f0004-6361%2f201425333&partnerID=40&md5=e80116f4e5938ee9419b603773e>>
- Type of production:** Scientific paper **Format:** Journal
- 99** G. Traven; T. Zwitter; S. Van Eck; A. Klutsch; R. Bonito; A.C. Lanzafame; E.J. Alfaro; A. Bayo; A. Bragaglia; M.T. Costado; F. Damiani; E. Flaccomio; A. Frasca; A. Hourihane; F. Jimenez-Esteban; C. Lardo; L. Morbidelli; E. Pancino; L. Prisinzano; G.G. Sacco; C.C. Worley. The Gaia-ESO Survey: Catalogue of H α emission stars. *Astronomy and Astrophysics*. 581, 2015. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84940997796&doi=10.1051%2f0004-6361%2f201525857&partnerID=40&md5=a26b9c67de65a3703f518c70b4d>>
- Type of production:** Scientific paper **Format:** Journal
- 100** I. San Roman; C. Muñoz; D. Geisler; S. Villanova; N. Kacharov; A. Koch; G. Carraro; G. Tautvaišiene; A. Vallenari; E.J. Alfaro; T. Bensby; E. Flaccomio; P. Francois; A.J. Korn; E. Pancino; A. Recio-Blanco; R. Smiljanic; M. Bergemann; M.T. Costado; F. Damiani; U. Heiter; A. Hourihane; P. Jofré; C. Lardo; P. De Laverny; T. Masseron; L. Morbidelli; L. Sbordone; S.G. Sousa; C.C. Worley; S. Zaggia. The Gaia-ESO Survey: Detailed abundances in the metal-poor globular cluster NGC 4372. *Astronomy and Astrophysics*. 579, 2015. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84934938028&doi=10.1051%2f0004-6361%2f201525722&partnerID=40&md5=ea2dd84ed1dd0e766e374d96d7b>>
- Type of production:** Scientific paper **Format:** Journal
- 101** L. Puspitarini; R. Lallement; C. Babusiaux; H.-C. Chen; P. Bonifacio; L. Sbordone; E. Caffau; S. Duffau; V. Hill; A. Monreal-Ibero; F. Royer; F. Arenou; R. Peralta; J.E. Drew; R. Bonito; J. Lopez-Santiago; E.J. Alfaro; T. Bensby; A. Bragaglia; E. Flaccomio; A.C. Lanzafame; E. Pancino; A. Recio-Blanco; R. Smiljanic; M.T. Costado; C. Lardo; P. De Laverny; T. Zwitter. The Gaia-ESO Survey: Extracting diffuse interstellar bands from cool star spectra: DIB-based interstellar medium line-of-sight structures at the kpc scale. *Astronomy and Astrophysics*. 573, 2015. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84916917705&doi=10.1051%2f0004-6361%2f201424391&partnerID=40&md5=9d2231ca95674e5e0ca276a0341>>
- Type of production:** Scientific paper **Format:** Journal
- 102** A. Frasca; K. Biazzo; A.C. Lanzafame; J.M. Alcalá; E. Brugaletta; A. Klutsch; B. Stelzer; G.G. Sacco; L. Spina; R.D. Jeffries; D. Montes; E.J. Alfaro; G. Barentsen; R. Bonito; J.F. Gameiro; J. López-Santiago; G. Pace; L. Pasquini; L. Prisinzano; S.G. Sousa; G. Gilmore; S. Randich; G. Micela; A. Bragaglia; E. Flaccomio; A. Bayo; M.T. Costado; E. Franciosini; V. Hill; A. Hourihane; P. Jofré; C. Lardo; E. Maiorca; T. Masseron; L. Morbidelli; C.C. Worley. The Gaia-ESO survey: Chromospheric emission, accretion properties, and rotation in γ Velorum and Chamaeleon i. *Astronomy and Astrophysics*. 575, 2015. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84922895761&doi=10.1051%2f0004-6361%2f201424409&partnerID=40&md5=324dfe8d9106bbbf2ec9bc6d6f94>>
- Type of production:** Scientific paper **Format:** Journal
- 103** The Gaia-ESO survey: Chromospheric emission, accretion properties, and rotation in γ Velorum and Chamaeleon i. 2015.
- Type of production:** Scientific paper **Format:** Journal
- 104** G.G. Sacco; R.D. Jeffries; S. Randich; E. Franciosini; R.J. Jackson; M. Cottaar; L. Spina; F. Palla; M. Mapelli; E.J. Alfaro; R. Bonito; F. Damiani; A. Frasca; A. Klutsch; A. Lanzafame; A. Bayo; D. Barrado; F. Jiménez-Esteban; G. Gilmore; G. Micela; A. Vallenari; C.A. Prieto; E. Flaccomio; G. Carraro; M.T. Costado; P. Jofré; C. Lardo; L. Magrini; L. Morbidelli; L. Prisinzano; L. Sbordone. The Gaia-ESO survey: Discovery of a spatially extended low-mass population in the Vela OB2 association. *Astronomy and Astrophysics*. 574, 2015. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84921770542&doi=10.1051%2f0004-6361%2f201425367&partnerID=40&md5=ded075bdef632050f60311893c32>>
- Type of production:** Scientific paper **Format:** Journal



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C. Lardo; E. Pancino; M. Bellazzini; A. Bragaglia; P. Donati; G. Gilmore; S. Randich; S. Feltzing; R.D. Jeffries; A. Vallenari; E.J. Alfaro; C. Allende Prieto; E. Flaccomio; S.E. Koposov; A. Recio-Blanco; M. Bergemann; G. Carraro; M.T. Costado; F. Damiani; A. Hourihane; P. Jofré; P. De Laverny; G. Marconi; T. Masseron; L. Morbidelli; G.G. Sacco; C.C. Worley. The Gaia-ESO survey: Kinematics of seven Galactic globular clusters. *Astronomy and Astrophysics*. 573, 2015. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84921306078&doi=10.1051%2f0004-6361%2f201425036&partnerID=40&md5=e24a2c83e01d8cdd0ab03dd4965>>

Type of production: Scientific paper**Format:** Journal

106

R. Gamen; R.H. Barba; N.R. Walborn; N.I. Morrell; J.I. Arias; J. Maiz Apellaniz; A. Sota; E.J. Alfaro. The eccentric short-period orbit of the supergiant fast X-ray transient HD 74194 (=LM Vel). *Astronomy and Astrophysics*. 583, 2015. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84946595537&doi=10.1051%2f0004-6361%2f201527140&partnerID=40&md5=d26818c60b94584440bb87403f5>>

Type of production: Scientific paper**Format:** Journal

107

M. Pović; I. Márquez; J. Masegosa; J. Perea; A. Del Olmo; C. Simpson; J.A.L. Aguerri; B. Ascaso; Y. Jiménez-Teja; C. López-Sanjuan; A. Molino; A.M. Pérez-García; K. Viironen; C. Husillos; D. Cristóbal-Hornillos; C. Caldwell; N. Benítez; E. Alfaro; T. Aparicio-Villegas; T. Broadhurst; J. Cabrera-Caño; F.J. Castander; J. Cepa; M. Cerviño; A. Fernández-Soto; R.M. González Delgado; L. Infante; V.J. Martínez; M. Moles; F. Prada; J.M. Quintana. The impact from survey depth and resolution on the morphological classification of galaxies. *Monthly Notices of the Royal Astronomical Society*. 453 - 2, pp. 1644 - 1668. 2015. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84942430989&doi=10.1093%2fmnras%2fstv1663&partnerID=40&md5=318d69e9a6e1b7be9c2e7b4645253971>>

Type of production: Scientific paper**Format:** Journal

108

J.M. Apellániz; A. Sota; R.H. Barbá; N.I. Morrell; A. Pellerin; E.J. Alfaro; S. Simón-Díaz. First results from a study of DIBs with thousands of high-quality massive-star spectra. *Proceedings of the International Astronomical Union*. 9 - S297, pp. 117 - 120. 2014. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84894673789&doi=10.1017%2fS1743921313015706&partnerID=40&md5=36c74381c1a7a55c2f2027521f1ddf2>>

Type of production: Scientific paper**Format:** Journal

109

F. Damiani; L. Prisinzano; G. Micela; S. Randich; G. Gilmore; J.E. Drew; R.D. Jeffries; Y. Frémat; E.J. Alfaro; T. Bensby; A. Bragaglia; E. Flaccomio; A.C. Lanzafame; E. Pancino; A. Recio-Blanco; G.G. Sacco; R. Smiljanic; R.J. Jackson; P. De Laverny; L. Morbidelli; C.C. Worley; A. Hourihane; M.T. Costado; P. Jofré; K. Lind; E. Maiorca. Gaia -ESO Survey: Empirical classification of VLT/Giraffe stellar spectra in the wavelength range 6440-6810 Å in the γ Velorum cluster, and calibration of spectral indices. *Astronomy and Astrophysics*. 566, 2014. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84902247562&doi=10.1051%2f0004-6361%2f201323306&partnerID=40&md5=77c089e924a01858967bca40525>>

Type of production: Scientific paper**Format:** Journal

110

E.D. Friel; P. Donati; A. Bragaglia; H.R. Jacobson; L. Magrini; L. Prisinzano; S. Randich; M. Tosi; T. Cantat-Gaudin; A. Vallenari; R. Smiljanic; G. Carraro; R. Sordo; E. Maiorca; E.G. Tautvaišien; P. Sestito; S. Zaggia; F.M. Jimenez-Esteban; G. Gilmore; R.D. Jeffries; E. Alfaro; T. Bensby; S.E. Koposov; A.J. Korn; E. Pancino; A. Recio-Blanco; E. Franciosini; V. Hill; R.J. Jackson; P. De Laverny; L. Morbidelli; G.G. Sacco; C.C. Worley; A. Hourihane; M.T. Costado; P. Jofre; K. Lind. Gaia -ESO Survey: Properties of the intermediate age open cluster NGC 4815. *Astronomy and Astrophysics*. 563, 2014. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84896906598&doi=10.1051%2f0004-6361%2f201323215&partnerID=40&md5=f7e686b7fd609020f6dacc3bbc0d>>

Type of production: Scientific paper**Format:** Journal

111

C. López-Sanjuan; A.J. Cenarro; C. Hernández-Monteagudo; J. Varela; A. Molino; P. Arnalte-Mur; B. Ascaso; F.J. Castander; A. Fernández-Soto; M. Huertas-Company; I. Márquez; V.J. Martínez; J. Masegosa; M. Moles; M. Pović; J.A.L. Aguerri; E. Alfaro; T. Aparicio-Villegas; N. Benítez; T. Broadhurst; J. Cabrera-Caño; J. Cepa; M. Cerviño; D. Cristóbal-Hornillos; A. Del Olmo; R.M. González Delgado; C. Husillos; L. Infante; J. Perea; F. Prada; J.M. Quintana. The ALHAMBRA survey: An empirical



estimation of the cosmic variance for merger fraction studies based on close pairs. *Astronomy and Astrophysics*. 564, 2014. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84898831604&doi=10.1051%2f0004-6361%2f201322474&partnerID=40&md5=a40441297dbec4c467a03333cfcf>>

Type of production: Scientific paper

Format: Journal

- 112** A. Molino; N. Benítez; M. Moles; A. Fernández-Soto; D. Cristóbal-Hornillos; B. Ascaso; Y. Jiménez-Teja; W. Schoenell; P. Arnalte-Mur; M. Pović; D. Coe; C. López-Sanjuan; L.A. Díaz-García; J. Varela; M. Stefanon; J. Cenarro; I. Matute; J. Masegosa; I. Márquez; J. Perea; A. Del Olmo; C. Husillos; E. Alfaro; T. Aparicio-Villegas; M. Cerviño; M. Huertas-Company; J.A.L. Aguerri; T. Broadhurst; J. Cabrera-Caño; J. Cepa; R.M. González; L. Infante; V.J. Martínez; F. Prada; J.M. Quintana. The ALHAMBRA survey: Bayesian photometric redshifts with 23 bands for 3 deg². *Monthly Notices of the Royal Astronomical Society*. 441 - 4, pp. 2891 - 2922. 2014. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84903156673&doi=10.1093%2fmnras%2fstu387&partnerID=40&md5=2a31de5043905605c1885f1399e6323e>>

Type of production: Scientific paper

Format: Journal

- 113** P. Arnalte-Mur; V.J. Martínez; P. Norberg; A. Fernández-Soto; B. Ascaso; A.I. Merson; J.A.L. Aguerri; F.J. Castander; L. Hurtado-Gil; C. López-Sanjuan; A. Molino; A.D. Montero-Dorta; M. Stefanon; E. Alfaro; T. Aparicio-Villegas; N. Benítez; T. Broadhurst; J. Cabrera-Caño; J. Cepa; M. Cerviño; D. Cristóbal-Hornillos; A. Del Olmo; R.M. González Delgado; C. Husillos; L. Infante; I. Márquez; J. Masegosa; M. Moles; J. Perea; M. Pović; F. Prada; J.M. Quintana. The ALHAMBRA survey: Evolution of galaxy clustering since $z \sim 1$. *Monthly Notices of the Royal Astronomical Society*. 441 - 2, pp. 1783 - 1801. 2014. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84900535761&doi=10.1093%2fmnras%2fstu681&partnerID=40&md5=06447929879f5018b038286b85b40b50>>

Type of production: Scientific paper

Format: Journal

- 114** A. Rojas-Arriagada; A. Recio-Blanco; V. Hill; P. De Laverny; M. Schultheis; C. Babusiaux; M. Zoccali; D. Minniti; O.A. Gonzalez; S. Feltzing; G. Gilmore; S. Randich; A. Vallenari; E.J. Alfaro; T. Bensby; A. Bragaglia; E. Flaccomio; A.C. Lanzafame; E. Pancino; R. Smiljanic; M. Bergemann; M.T. Costado; F. Damiani; A. Hourihane; P. Jofré; C. Lardo; L. Magrini; E. Maiorca; L. Morbidelli; L. Sbordone; C.C. Worley; S. Zaggia; R. Wyse. The Gaia -ESO Survey: Metallicity and kinematic trends in the Milky Way bulge. *Astronomy and Astrophysics*. 569, 2014. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84907546769&doi=10.1051%2f0004-6361%2f201424121&partnerID=40&md5=9b32fae0ac2018a4c2c80648253a>>

Type of production: Scientific paper

Format: Journal

- 115** Š. Mikolaitis; V. Hill; A. Recio-Blanco; P. De Laverny; C. Allende Prieto; G. Kordopatis; G. Tautvaišiene; D. Romano; G. Gilmore; S. Randich; S. Feltzing; G. Micela; A. Vallenari; E.J. Alfaro; T. Bensby; A. Bragaglia; E. Flaccomio; A.C. Lanzafame; E. Pancino; R. Smiljanic; M. Bergemann; G. Carraro; M.T. Costado; F. Damiani; A. Hourihane; P. Jofré; C. Lardo; L. Magrini; E. Maiorca; L. Morbidelli; L. Sbordone; S.G. Sousa; C.C. Worley; S. Zaggia. The Gaia -ESO Survey: The chemical structure of the Galactic discs from the first internal data release. *Astronomy and Astrophysics*. 572, 2014. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84912140823&doi=10.1051%2f0004-6361%2f201424093&partnerID=40&md5=dc666d97147d14e6207c82385d1>>

Type of production: Scientific paper

Format: Journal

- 116** R.D. Jeffries; R.J. Jackson; M. Cottaar; S.E. Koposov; A.C. Lanzafame; M.R. Meyer; L. Prisinzano; S. Randich; G.G. Sacco; E. Brugaletta; M. Caramazza; F. Damiani; E. Franciosini; A. Frasca; G. Gilmore; S. Feltzing; G. Micela; E. Alfaro; T. Bensby; E. Pancino; A. Recio-Blanco; P. De Laverny; J. Lewis; L. Magrini; L. Morbidelli; M.T. Costado; P. Jofré; A. Klutsch; K. Lind; E. Maiorca. The Gaia-ESO Survey: Kinematic structure in the Gamma Velorum cluster. *Astronomy and Astrophysics*. 563, 2014. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84896332962&doi=10.1051%2f0004-6361%2f201323288&partnerID=40&md5=03a41ec149bcdde1fd20272da08>>

Type of production: Scientific paper

Format: Journal

- 117** T. Cantat-Gaudin; A. Vallenari; S. Zaggia; A. Bragaglia; R. Sordo; J.E. Drew; J. Eisloffel; H.J. Farnhill; E. Gonzalez-Solares; R. Greimel; M.J. Irwin; A. Kupcu-Yoldas; C. Jordi; R. Blomme; L. Sampedro; M.T. Costado; E. Alfaro; R. Smiljanic; L. Magrini; P. Donati; E.D. Friel; H. Jacobson; U. Abbas; D. Hatzidimitriou;



A. Spagna; A. Vecchiato; L. Balaguer-Nunez; C. Lardo; M. Tosi; E. Pancino; A. Klutsch; G. Tautvaisiene; A. Drazdauskas; E. Puzeras; F. Jiménez-Esteban; E. Maiorca; D. Geisler; I. San Roman; S. Villanova; G. Gilmore; S. Randich; T. Bensby; E. Flaccomio; A. Lanzafame; A. Recio-Blanco; F. Damiani; A. Hourihane; P. Jofré; P. De Laverny; T. Masseron; L. Morbidelli; L. Prisinzano; G.G. Sacco; L. Sbordone; C.C. Worley. The Gaia-ESO Survey: Stellar content and elemental abundances in the massive cluster NGC 6705. *Astronomy and Astrophysics*. 569, 2014. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84908097384&doi=10.1051%2f0004-6361%2f201423851&partnerID=40&md5=e8cb99a6e48ba48021d0d679790>>

Type of production: Scientific paper

Format: Journal

118 R. Smiljanic; A.J. Korn; M. Bergemann; A. Frasca; L. Magrini; T. Masseron; E. Pancino; G. Ruchti; I. San Roman; L. Sbordone; S.G. Sousa; H. Tabernero; G. Tautvaišienė; M. Valentini; M. Weber; C.C. Worley; V.Z. Adibekyan; C. Allende Prieto; G. Barisevičius; K. Biazzo; S. Blanco-Cuaresma; P. Bonifacio; A. Bragaglia; E. Caffau; T. Cantat-Gaudin; Y. Chorniy; P. De Laverny; E. Delgado-Mena; P. Donati; S. Duffau; E. Franciosini; E. Friel; D. Geisler; J.I. González Hernández; P. Gruyters; G. Guiglion; C.J. Hansen; U. Heiter; V. Hill; H.R. Jacobson; P. Jofre; H. Jönsson; A.C. Lanzafame; C. Lardo; H.-G. Ludwig; E. Maiorca; S. Mikolaitis; D. Montes; T. Morel; A. Mucciarelli; C. Munöz; T. Nordlander; L. Pasquini; E. Puzeras; A. Recio-Blanco; N. Ryde; G. Sacco; N.C. Santos; A.M. Serenelli; R. Sordo; C. Soubiran; L. Spina; M. Steffen; A. Vallenari; S. Van Eck; S. Villanova; G. Gilmore; S. Randich; M. Asplund; J. Binney; J. Drew; S. Feltzing; A. Ferguson; R. Jeffries; G. Micela; I. Negueruela; T. Prusti; H.-W. Rix; E. Alfaro; C. Babusiaux; T. Bensby; R. Blomme; E. Flaccomio; P. François; M. Irwin; S. Koposov; N. Walton; A. Bayo; G. Carraro; M.T. Costado; F. Damiani; B. Edvardsson; A. Hourihane; R. Jackson; J. Lewis; K. Lind; G. Marconi; C. Martayan; L. Monaco; L. Morbidelli; L. Prisinzano; S. Zaggia. The Gaia-ESO Survey: The analysis of high-resolution UVES spectra of FGK-type stars. *Astronomy and Astrophysics*. 570, 2014. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84908409250&doi=10.1051%2f0004-6361%2f201423937&partnerID=40&md5=b863b7a14075118ea892d5e2e6c>>

Type of production: Scientific paper

Format: Journal

119 L. Spina; S. Randich; F. Palla; G.G. Sacco; L. Magrini; E. Franciosini; L. Morbidelli; L. Prisinzano; E.J. Alfaro; K. Biazzo; A. Frasca; J.I. González Hernández; S.G. Sousa; V. Adibekyan; E. Delgado-Mena; D. Montes; H. Tabernero; A. Klutsch; G. Gilmore; S. Feltzing; R.D. Jeffries; G. Micela; A. Vallenari; T. Bensby; A. Bragaglia; E. Flaccomio; S. Koposov; A.C. Lanzafame; E. Pancino; A. Recio-Blanco; R. Smiljanic; M.T. Costado; F. Damiani; V. Hill; A. Hourihane; P. Jofré; P. De Laverny; T. Masseron; C. Worley. The Gaia-ESO Survey: The first abundance determination of the pre-main-sequence cluster gamma velorum. *Astronomy and Astrophysics*. 567, 2014. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84903996443&doi=10.1051%2f0004-6361%2f201423527&partnerID=40&md5=135966087394a9454741eb799bc>>

Type of production: Scientific paper

Format: Journal

120 L. Spina; S. Randich; F. Palla; K. Biazzo; G.G. Sacco; E.J. Alfaro; E. Franciosini; L. Magrini; L. Morbidelli; A. Frasca; V. Adibekyan; E. Delgado-Mena; S.G. Sousa; J.I. González Hernández; D. Montes; H. Tabernero; G. Tautvaisiene; R. Bonito; A.C. Lanzafame; G. Gilmore; R.D. Jeffries; A. Vallenari; T. Bensby; A. Bragaglia; E. Flaccomio; A.J. Korn; E. Pancino; A. Recio-Blanco; R. Smiljanic; M. Bergemann; M.T. Costado; F. Damiani; V. Hill; A. Hourihane; P. Jofré; P. De Laverny; C. Lardo; T. Masseron; L. Prisinzano; C.C. Worley. The Gaia-ESO survey: Metallicity of the chamaeleon i star-forming region. *Astronomy and Astrophysics*. 568, 2014. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84905451543&doi=10.1051%2f0004-6361%2f201424135&partnerID=40&md5=e72bdd8803581b51b7908417ee2>>

Type of production: Scientific paper

Format: Journal

121 G.G. Sacco; L. Morbidelli; E. Franciosini; E. Maiorca; S. Randich; A. Modigliani; G. Gilmore; M. Asplund; J. Binney; P. Bonifacio; J. Drew; S. Feltzing; A. Ferguson; R. Jeffries; G. Micela; I. Negueruela; T. Prusti; H.-W. Rix; A. Vallenari; E. Alfaro; C.A. Prieto; C. Babusiaux; T. Bensby; R. Blomme; A. Bragaglia; E. Flaccomio; P. François; N. Hambly; M. Irwin; S. Koposov; A. Korn; A. Lanzafame; E. Pancino; A. Recio-Blanco; R. Smiljanic; S. Van Eck; N. Walton; M. Bergemann; M.T. Costado; P. De Laverny; U. Heiter; V. Hill; A. Hourihane; R. Jackson; P. Jofre; J. Lewis; K. Lind; C. Lardo; L. Magrini; T. Masseron; L. Prisinzano; C. Worley. The Gaia-ESO survey: Processing FLAMES-UVES spectra. *Astronomy and Astrophysics*. 565, 2014. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84901364963&doi=10.1051%2f0004-6361%2f201423619&partnerID=40&md5=a94710812a4aeb4ca6f4d793a02>>

Type of production: Scientific paper

Format: Journal



- 122** M. Bergemann; G.R. Ruchti; A. Serenelli; S. Feltzing; A. Alves-Brito; M. Asplund; T. Bensby; P. Gruiters; U. Heiter; A. Hourihane; A. Korn; K. Lind; A. Marino; P. Jofre; T. Nordlander; N. Ryde; C.C. Worley; G. Gilmore; S. Randich; A.M.N. Ferguson; R.D. Jeffries; G. Micela; I. Negueruela; T. Prusti; H.-W. Rix; A. Vallenari; E.J. Alfaro; C. Allende Prieto; A. Bragaglia; S.E. Koposov; A.C. Lanzafame; E. Pancino; A. Recio-Blanco; R. Smiljanic; N. Walton; M.T. Costado; E. Franciosini; V. Hill; C. Lardo; P. De Laverny; L. Magrini; E. Maiorca; T. Masseron; L. Morbidelli; G. Sacco; G. Kordopatis; G. Tautvaišiene. The Gaia-ESO survey: Radial metallicity gradients and age-metallicity relation of stars in the milky way disk. *Astronomy and Astrophysics*. 565, 2014. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84900811451&doi=10.1051%2f0004-6361%2f201423456&partnerID=40&md5=38d23ae79b20b0f49b26df0fef5ea>>
- Type of production:** Scientific paper **Format:** Journal
- 123** A. Recio-Blanco; P. De Laverny; G. Kordopatis; A. Helmi; V. Hill; G. Gilmore; R. Wyse; V. Adibekyan; S. Randich; M. Asplund; S. Feltzing; R. Jeffries; G. Micela; A. Vallenari; E. Alfaro; C. Allende Prieto; T. Bensby; A. Bragaglia; E. Flaccomio; S.E. Koposov; A. Korn; A. Lanzafame; E. Pancino; R. Smiljanic; R. Jackson; J. Lewis; L. Magrini; L. Morbidelli; L. Prisinzano; G. Sacco; C.C. Worley; A. Hourihane; M. Bergemann; M.T. Costado; U. Heiter; P. Joffre; C. Lardo; K. Lind; E. Maiorca. The Gaia-ESO survey: The Galactic thick to thin disc transition. *Astronomy and Astrophysics*. 567, 2014. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84903837296&doi=10.1051%2f0004-6361%2f201322944&partnerID=40&md5=d260958686edeb58a912c63477f>>
- Type of production:** Scientific paper **Format:** Journal
- 124** A. Sota; J.M. Apellániz; N.I. Morrell; R.H. Barbá; N.R. Walborn; R.C. Gamen; J.I. Arias; E.J. Alfaro. The galactic O-star spectroscopic survey (GOSSS). II. Bright southern stars. *Astrophysical Journal, Supplement Series*. 211 - 1, 2014. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84895112390&doi=10.1088%2f0067-0049%2f211%2f1%2f10&partnerID=40&md5=a16429718b097c297a69897f>>
- Type of production:** Scientific paper **Format:** Journal
- 125** A.J. Delgado; A.A. Djupvik; M.T. Costado; E.J. Alfaro. Berkeley 94 and Berkeley 96: Two young clusters with different dynamical evolution. *Monthly Notices of the Royal Astronomical Society*. 435 - 1, pp. 429 - 439. 2013. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84885164997&doi=10.1093%2fmnras%2fstt1311&partnerID=40&md5=615b7e13afd580e2c761179787d237ca>>
- Type of production:** Scientific paper **Format:** Journal
- 126** I. Oteo; G. Magdis; A. Bongiovanni; A.M. Pérez-García; J. Cepa; B. Cedrés; A. Ederoclite; M. Sánchez-Portal; J.A.L. Aguerri; E.J. Alfaro; B. Altieri; P. Andreani; T. Aparicio-Villegas; H. Aussel; N. Benítez; S. Berta; T. Broadhurst; J. Cabrera-Caño; F.J. Castander; M. Cerviño; A. Cimatti; D. Cristobal-Hornillos; E. Daddi; D. Elbaz; A. Fernandez-Soto; N. Förster Schreiber; R. Genzel; R.M. Gonzalez-Delgado; C. Husillos; L. Infante; E. Le Floch; D. Lutz; B. Magnelli; R. Maiolino; I. Márquez; V.J. Martínez; J. Masegosa; I. Matute; M. Moles; A. Molino; A. del Olmo; J. Perea; R. Pérez-Martínez; I. Pintos-Castro; A. Poglitsch; J. Poednikova; P. Popesso; M. Pović; F. Pozzi; F. Prada; J.M. Quintana; L. Riguccini; E. Sturm; L. Tacconi; I. Valtchanov; K. Viironen. Lyman break and ultraviolet-selected galaxies at $z \sim 1$ - II. PACS 100 μ m/160 μ m FIR detections. *Monthly Notices of the Royal Astronomical Society*. 435 - 1, pp. 158 - 186. 2013. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84885161259&doi=10.1093%2fmnras%2fstt1244&partnerID=40&md5=9f1384f6bb74ff1976f8e8c8b677a5fa>>
- Type of production:** Scientific paper **Format:** Journal
- 127** I. Oteo; Á. Bongiovanni; J. Cepa; A.M. Pérez-García; A. Ederoclite; M. Sánchez-Portal; I. Pintos-Castro; R. Pérez-Martínez; J. Poednikova; J.A.L. Aguerri; E.J. Alfaro; T. Aparicio-Villegas; N. Benítez; T. Broadhurst; J. Cabrera-Caño; F.J. Castander; M. Cerviño; D. Cristobal-Hornillos; A. Fernandez-Soto; R.M. Gonzalez-Delgado; C. Husillos; L. Infante; V.J. Martínez; I. Márquez; J. Masegosa; I. Matute; M. Moles; A. Molino; A. del Olmo; J. Perea; M. Pović; F. Prada; J.M. Quintana; K. Viironen. Lyman break and ultraviolet-selected galaxies at $z \sim 1$. Stellar populations from the ALHAMBRA survey. *Monthly Notices of the Royal Astronomical Society*. 433 - 4, 2013. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881116783&doi=10.1093%2fmnras%2fstt835&partnerID=40&md5=18528bf78760ffac5c09dd10a8274778>>
- Type of production:** Scientific paper **Format:** Journal

- 128** I. Pintos-Castro; M. Sánchez-Portal; J. Cepa; J.S. Santos; B. Altieri; R. Pérez Martínez; E.J. Alfaro; A. Bongiovanni; D. Coia; L. Conversi; H. Domínguez-Sánchez; A. Ederoclite; J.I. González-Serrano; L. Metcalfe; I. Oteo; A.M. Pérez García; J. Polednikova; T.D. Rawle; I. Valtchanov. Multi-wavelength landscape of the young galaxy cluster rx j1257.2+4738 at $z = 0.866$: I. The infrared view. *Astronomy and Astrophysics*. 558, 2013. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84885809253&doi=10.1051%2f0004-6361%2f201321474&partnerID=40&md5=0d6c7a35a0cb27fe41cf0bc8946d>>
- Type of production:** Scientific paper **Format:** Journal
- 129** I. Matute; J. Masegosa; I. Márquez; A. Fernández-Soto; C. Husillos; A. Del Olmo; J. Perea; M. Pović; B. Ascaso; E.J. Alfaro; M. Moles; J.A.L. Aguerri; T. Aparicio-Villegas; N. Benítez; T. Broadhurst; J. Cabrera-Cano; F.J. Castander; J. Cepa; M. Cerviño; D. Cristóbal-Hornillos; L. Infante; R.M. González Delgado; V.J. Martínez; A. Molino; F. Prada; J.M. Quintana. The ALHAMBRA survey: Discovery of a faint QSO at $z = 5.41$. *Astronomy and Astrophysics*. 557, 2013. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84883538786&doi=10.1051%2f0004-6361%2f201321920&partnerID=40&md5=08c962f02dcbbc4df2b4341c8ec2>>
- Type of production:** Scientific paper **Format:** Journal
- 130** M. Pović; M. Huertas-Company; J.A.L. Aguerri; I. Márquez; J. Masegosa; C. Husillos; A. Molino; D. Cristóbal-Hornillos; J. Perea; N. Benítez; A. del Olmo; A. Fernández-Soto; Y. Jiménez-Teja; M. Moles; E. Alfaro; T. Aparicio-Villegas; B. Ascaso; T. Broadhurst; J. Cabrera-Cañó; F.J. Castander; J. Cepa; M. Fernandez Lorenzo; M. Cerviño; R.M. González Delgado; L. Infante; C. López-Sanjuan; V.J. Martínez; I. Matute; I. Oteo; A.M. Pérez-García; F. Prada; J.M. Quintana. The ALHAMBRA survey: Reliable morphological catalogue of 22 051 early- and late-type galaxies. *Monthly Notices of the Royal Astronomical Society*. 435 - 4, pp. 3444 - 3461. 2013. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84885736004&doi=10.1093%2fmnras%2fstt1538&partnerID=40&md5=3df6e3ae05629a24e991887a95a84c70>>
- Type of production:** Scientific paper **Format:** Journal
- 131** B. Cedrés; J.E. Beckman; Á. Bongiovanni; J. Cepa; A. Asensio Ramos; C. Giammanco; A. Cabrera-Lavers; E.J. Alfaro. The filling factor-radius relation for 58 H II regions across the disk of NGC 6946. *Astrophysical Journal Letters*. 765 - 1, 2013. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84874278204&doi=10.1088%2f2041-8205%2f765%2f1%2fL24&partnerID=40&md5=ea74f42260d22d26067b34c>>
- Type of production:** Scientific paper **Format:** Journal
- 132** M. Pović; A.M. Pérez García; M. Sánchez-Portal; A. Bongiovanni; J. Cepa; M. Fernández Lorenzo; M.A. Lara-López; J. Gallego; A. Ederoclite; I. Márquez; J. Masegosa; E. Alfaro; H. Castañeda; J.I. González-Serrano; J.J. González. X-ray luminosity functions of different morphological and X-ray type AGN populations. *Astronomische Nachrichten*. 334 - 3, pp. 288 - 299. 2013. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84874463169&doi=10.1002%2fasna.201211840&partnerID=40&md5=750a6efee2eabad381df87d1dd2cb040>>
- Type of production:** Scientific paper **Format:** Journal
- 133** G. Gilmore; S. Randich; M. Asplund; J. Binney; P. Bonifacio; J. Drew; S. Feltzing; A. Ferguson; R. Jeffries; G. Micela; I. Negueruela; T. Prusti; H. -W. Rix; A. Vallenari; E. Alfaro; C. Allende-Prieto; C. Babusiaux; T. Bensby; R. Blomme; A. Bragaglia; 226 more. The Gaia-ESO Public Spectroscopic Survey. *The Messenger*. 147, pp. 25 - 31. 03/2012.
- Type of production:** Scientific paper **Format:** Journal
- 134** M. Pović; M. Sánchez-Portal; A.M. Pérez García; A. Bongiovanni; J. Cepa; M. Huertas-Company; M.A. Lara-López; M. Fernández Lorenzo; A. Ederoclite; E. Alfaro; H. Castañeda; J. Gallego; J.I. González-Serrano; J.J. González. AGN-host galaxy connection: Morphology and colours of X-ray selected AGN at $z \leq 2$. *Astronomy and Astrophysics*. 541, 2012. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84860783494&doi=10.1051%2f0004-6361%2f201117314&partnerID=40&md5=23d2fba8fb398c67cd123387bf39>>
- Type of production:** Scientific paper **Format:** Journal



- 135** J. Zamorano; A.S. De Miguel; E. Alfaro; D. Martínez-Delgado; F. Ocaña; J.G. Castaño; M. Nieves. NIXNOX project: Sites in Spain where citizens can enjoy dark starry skies. Proceedings of the International Astronomical Union. 10 - H16, pp. 739 - 739. 2012. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84981251943&doi=10.1017%2fS1743921314013222&partnerID=40&md5=cefc65b6cfaf1aba312fd12d47ab0946>>
Type of production: Scientific paper **Format:** Journal
- 136** I. Matute; I. Márquez; J. Masegosa; C. Husillos; A. Del Olmo; J. Perea; E.J. Alfaro; A. Fernández-Soto; M. Moles; J.A.L. Aguerri; T. Aparicio-Villegas; N. Benítez; T. Broadhurst; J. Cabrera-Cano; F.J. Castander; J. Cepa; M. Cerviño; D. Cristóbal-Hornillos; L. Infante; R.M. González Delgado; V.J. Martínez; A. Molino; F. Prada; J.M. Quintana. Quasi-stellar objects in the ALHAMBRA survey: I. Photometric redshift accuracy based on 23 optical-NIR filter photometry. Astronomy and Astrophysics. 542, 2012. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84861542866&doi=10.1051%2f0004-6361%2f201118111&partnerID=40&md5=5a2fee2288ab2af4fc3ced66a43c>>
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Type of production: Scientific paper **Format:** Journal
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Type of production: Scientific paper **Format:** Journal
- 139** Alfredo Sota; Jesús Maíz Apellániz; Rodolfo H. Barbá; Nolan R. Walborn; Emilio J. Alfaro; Roberto C. Gamen; Nidia I. Morrell; Julia I. Arias; Miguel Penadés Ordaz. The Galactic O-Star Spectral Survey (GOSSS) Project status and first results. Bulletin de la Societe Royale des Sciences de Liege. 80, pp. 519 - 523. 01/2011.
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- 140** M.C. Sánchez-Gil; D.H. Jones; E. Pérez; J. Bland-Hawthorn; E.J. Alfaro; J. O'Byrne. Age patterns in a sample of spiral galaxies. Monthly Notices of the Royal Astronomical Society. 415 - 1, pp. 753 - 772. 2011. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-79960144624&doi=10.1111%2fj.1365-2966.2011.18759.x&partnerID=40&md5=03bbb9ad50af7a06f9491b881ecc>>
Type of production: Scientific paper **Format:** Journal
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Type of production: Scientific paper **Format:** Journal
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- 143** A.J. Delgado; E.J. Alfaro; J.L. Yun. Physical parameters of pre-main sequence stars in open clusters. Astronomy and Astrophysics. 531, 2011. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-79959941601&doi=10.1051%2f0004-6361%2f201116491&partnerID=40&md5=0e6c2c542b9c53eea219cd86ed1>>
Type of production: Scientific paper **Format:** Journal

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Type of production: Scientific paper**Format:** Journal

148

N. Sánchez; N. Añez; E.J. Alfaro; M.C. Odekon. Erratum: The fractal dimension of star-forming regions at different spatial scales in M33 (The *Astrophysical Journal* (2010) 720 (541)). *Astrophysical Journal*. 723 - 1, pp. 969 - 969. 2010. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-78149420470&doi=10.1088%2f0004-637X%2f723%2f1%2f969&partnerID=40&md5=e1dbe7df8371da73ff847468bc0500b9>>

Type of production: Scientific paper**Format:** Journal

149

A. Bongiovanni; I. Oteo; J. Cepa; A.M. Pérez García; M. Sánchez-Portal; A. Ederoclite; J.A.L. Aguerri; E.J. Alfaro; B. Altieri; P. Andreani; M.T. Aparicio-Villegas; H. Aussel; N. Benítez; S. Berta; T. Broadhurst; J. Cabrera-Cañó; F.J. Castander; A. Cava; M. Cerviño; H. Chulani; A. Cimatti; D. Cristóbal-Hornillos; E. Daddi; H. Dominguez; D. Elbaz; A. Fernández-Soto; N. Förster Schreiber; R. Genzel; M.F. Gómez; R.M. González Delgado; A. Grazian; C. Gruppioni; J.M. Herreros; S. Iglesias Groth; L. Infante; D. Lutz; B. Magnelli; G. Magdis; R. Maiolino; I. Márquez; V.J. Martínez; J. Masegosa; M. Moles; A. Molino; R. Nordon; A. Del Olmo; J. Perea; A. Poglitsch; P. Popesso; F. Pozzi; F. Prada; J.M. Quintana; L. Riguccini; G. Rodighiero; A. Saintonge; S.F. Sánchez; P. Santini; L. Shao; E. Sturm; L. Tacconi; I. Valtchanov. Herschel FIR counterparts of selected Ly α emitters at $z \sim 2.2$: Fast evolution since $z \sim 3$ or missed obscured AGNs?. *Astronomy and Astrophysics*. 519 - 7, 2010. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-77956685922&doi=10.1051%2f0004-6361%2f201014719&partnerID=40&md5=07ff97fb9c878d56de4eb65e082ef>>

Type of production: Scientific paper**Format:** Journal

150

J.I. Arias; R.H. Barb; R.C. Gamen; N.I. Morrell; J.M. Apellniz; E.J. Alfaro; A. Sota; N.R. Walborn; C.M. Bidin. On the multiplicity of the zero-age main-sequence o star herschel 36. *Astrophysical Journal Letters*. 710 - 1 PART 2, pp. L30 - L34. 2010. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-77949497400&doi=10.1088%2f2041-8205%2f710%2f1%2fL30&partnerID=40&md5=57bacb550ca5f3b21342e4a>>

Type of production: Scientific paper**Format:** Journal



151

T.A. Villegas; E.J. Alfaro; J. Cabrera-Cão; M. Moles; N. Benítez; J. Perea; A. Del Olmo; A. Fernández-Soto; D. Cristóbal-Hornillos; C. Husillos; J.A.L. Aguerri; T. Broadhurst; F.J. Castander; J. Cepa; M. Cerviño; R.M.G. Delgado; L. Infante; I. Márquez; J. Masegosa; V.J. Martínez; F. Prada; J.M. Quintana; S.F. Sánchez. The alhambra photometric system. *Astronomical Journal*. 139 - 3, pp. 1242 - 1253. 2010. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-76949099149&doi=10.1088%2f0004-6256%2f139%2f3%2f1242&partnerID=40&md5=f62a604722411491cc3a45>>

Type of production: Scientific paper

Format: Journal

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Type of production: Scientific paper

Format: Journal

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Type of production: Scientific paper

Format: Journal

156

D. Cristóbal-Hornillos; J.A.L. Aguerri; M. Moles; J. Perea; F.J. Castander; T. Broadhurst; E.J. Alfaro; N. Benítez; J. Cabrera-Cão; J. Cepa; M. Cerviño; A. Fernández-Soto; R.M.G. Delgado; C. Husillos; L. Infante; I. Márquez; V.J. Martínez; J. Masegosa; A. Del Olmo; F. Prada; J.M. Quintana; S.F. Sánchez. Near-infrared galaxy counts and evolution from the wide-field ALHAMBRA survey. *Astrophysical Journal*. 696 - 2, pp. 1554 - 1575. 2009. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-70449669592&doi=10.1088%2f0004-637X%2f696%2f2%2f1554&partnerID=40&md5=544f5313a3a8d9f5a94d1278cfff90e7>>

Type of production: Scientific paper

Format: Journal

157

M. Pović; M. Sánchez-Portal; A.M. Pérez García; A. Bongiovanni; J. Cepa; M. Fernández Lorenzo; M.A. Lara-López; J.I. González-Serrano; E.J. Alfaro. On the anticorrelation between galaxy light concentration and X-ray-to-optical flux ratio. *Astrophysical Journal*. 702 - 1 PART 2, pp. L51 - L55. 2009. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-70549087567&doi=10.1088%2f0004-637X%2f702%2f1%2fL51&partnerID=40&md5=53e7040659179569094ee6c6f5a66c78>>

Type of production: Scientific paper

Format: Journal

158

N. Benítez; M. Moles; J.A.L. Aguerri; E. Alfaro; T. Broadhurst; J. Cabrera-Cão; F.J. Castander; J. Cepa; M. Cerviño; D. Cristóbal-Hornillos; A. Fernández-Soto; R.M. González Delgado; L. Infante; I. Márquez; V.J. Martínez; J. Masegosa; A. Del Olmo; J. Perea; F. Prada; J.M. Quintana; S.F. Sánchez. Optimal filter systems for photometric redshift estimation. *Astrophysical Journal*. 692 - 1, pp. L5 - L8. 2009. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-64849083124&doi=10.1088%2f0004-637X%2f692%2f1%2fL5&partnerID=40&md5=e766e349e3f0fedf4437b58bdb6fffe>>

Type of production: Scientific paper

Format: Journal



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M. Pović; M. Snchez-Portal; A.M. Pérez García; A. Bongiovanni; J. Cepa; E. Alfaro; H. Castañeda; M.F. Lorenzo; J. Gallego; J.I. González-Serrano; J.J. Gonzalez; M.A. Lara-López. Otelos survey: Deep BVRI broadband photometry of the Groth strip. II. optical properties of X-Ray emitters. *Astrophysical Journal*. 706 - 1, pp. 810 - 823. 2009. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-70549106676&doi=10.1088%2f0004-637X%2f706%2f1%2f810&partnerID=40&md5=85856ce67b7983b8fdc5c95b1fc976d9>>.

Type of production: Scientific paper

Format: Journal

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Type of production: Scientific paper

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N. Sánchez; E.J. Alfaro. The spatial distribution of stars in open clusters. *Astrophysical Journal*. 696 - 2, pp. 2086 - 2093. 2009. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84855346698&doi=10.1088%2f0004-637X%2f696%2f2%2f2086&partnerID=40&md5=a519ea5827ae27b03b50293ec92da9c0>>.

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Type of production: Scientific paper

Format: Journal

163

J. Cepa; A.M. Pérez-García; A. Bongiovanni; E.J. Alfaro; H. Castañeda; J. Gallego; J.I. González-Serrano; M. Sánchez-Portal; J.J. González. OTELO survey: deep BVRI broad-band photometry of the Groth strip. I. Number counts and two-point correlation functions. *Astronomy and Astrophysics*. 490 - 1, pp. 1 - 14. 10/2008.

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Type of production: Scientific paper

Format: Journal

165

J. Cepa; A.M. Pérez-García; A. Bongiovanni; E.J. Alfaro; H. Castañeda; J. Gallego; J.I. González-Serrano; M. Sánchez-Portal; J.J. González. OTELO survey: Deep BVRI broad-band photometry of the Groth strip. *Astronomy and Astrophysics*. 490 - 1, pp. 1 - 14. 2008. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-53949093236&doi=10.1051%2f0004-6361%3a200810092&partnerID=40&md5=984d9e0908fdb45e47a244ae1f8>>.

Type of production: Scientific paper

Format: Journal

166

M. Moles; N. Benítez; J.A.L. Aguerri; E.J. Alfaro; T. Broadhurst; J. Cabrera-Caño; F.J. Castander; J. Cepa; M. Cerviño; D. Cristóbal-Hornillos; A. Fernández-Soto; R.M.G. Delgado; L. Infante; I. Mrquez; V.J. Martínez; J. Masegosa; A. Del Olmo; J. Perea; F. Prada; J.M. Quintana; S.F. Snchez. The alhambra survey: A large area multimediu-band optical and near-infrared photometric survey. *Astronomical Journal*. 136 - 3, pp. 1325 - 1339. 2008. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-56449083700&doi=10.1088%2f0004-6256%2f136%2f3%2f1325&partnerID=40&md5=d6a7a46151bba4fd14041f8>>.

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Type of production: Scientific paper

Format: Journal



- 168** A. Fernández-Soto; M. Moles; J.A.L. Aguerri; E.J. Alfaro; N. Benítez; T. Broadhurst; J. Cabrera-Caño; F.J. Castander; J. Cepa; M. Cerviño; D. Cristóbal-Hornillos; R.M.G. Delgado; L. Infante; I. Márquez; V.J. Martínez; J. Masegosa; A. Del Olmo; J. Perea; F. Prada; J.M. Quintana; S.F. Sánchez. First results from the ALHAMBRA-Survey. *Nuovo Cimento della Societa Italiana di Fisica B.* 122 - 9-11, pp. 1127 - 1132. 2007. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-49949106614&doi=10.1393%2fncb%2fi2008-10452-7&partnerID=40&md5=9e63f1ba52eea081f3eb4c979ec8c1a4>>.
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- 218** A.J. Delgado; E.J. Alfaro; R. Garrido. Variable stars in the young open cluster IC 4996. *Astronomy and Astrophysics*. 61, pp. 89 - 92. 07/1985.
Type of production: Scientific paper **Format:** Journal
- 219** E.J. Alfaro; A.J. Delgado; J.M. Garcia-Pelayo; R. Garrido; M. Saez. UVBY and H β photometry of the open cluster IC 4996. *Astronomy and Astrophysics*. 59, pp. 441 - 447. 03/1985.
Type of production: Scientific paper **Format:** Journal
- 220** A.J. Delgado; E.J. Alfaro; J.M. Garcia-Pelayo; R. Garrido; S. Vidal. Search for variable stars in the young open cluster NGC 6871. *Astronomy and Astrophysics*. 58, pp. 447 - 451. 12/1984.
Type of production: Scientific paper **Format:** Journal
- 221** E.J. Alfaro; J.M. Garcia-Pelayo. RGU photometry of a field in the Carina region near the cluster IC 2581. *Astronomy and Astrophysics*. 58, pp. 121 - 130. 10/1984.
Type of production: Scientific paper **Format:** Journal
- 222** R. Garrido; E.J. Alfaro; J.M. Quintana; M. Saez. Photometry of the dwarf cepheids SZ Lyn and EH Lib. *Astronomy and Astrophysics*. 36, pp. 51 - 56. 04/1979.
Type of production: Scientific paper **Format:** Journal



Works submitted to national or international conferences

- 1** **Title of the work:** GALANTE: finding all the optically accessible Galactic O+B+WR stars in the Galactic Plane
Name of the conference: XIII Scientific Meeting of the Spanish Astronomical Society
Type of event: Conference
Type of participation: Participatory - oral communication
City of event: Salamanca, Castile and León, Spain
Date of event: 16/07/2018
End date: 20/07/2018
Organising entity: Spanish Astronomical Society
Maíz-Apellániz, Jesús; Alfaro-Navarro, Emilio Javier.
- 2** **Title of the work:** Hierarchical Bayesian Approach for estimating physical properties in spiral galaxies
Name of the conference: 2016 Munich Joint Conference, Discs in Galaxies
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Garching, Germany
Date of event: 11/07/2016
End date: 15/07/2016
Organising entity: European Southern Observatory
Sanchez-Gil, Maria Carmen; Alfaro-Navarro, Emilio Javier; Perez-Jimenez, Enrique.
- 3** **Title of the work:** Hierarchical Bayesian Approach for estimating physical properties in spiral galaxies
Name of the conference: Statistical challenges in 21st century cosmology
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Chaina, Kriti, Greece
Date of event: 24/05/2016
End date: 27/05/2016
Sanchez-Gil, Maria Carmen; Alfaro-Navarro, Emilio Javier; Perez-Jimenez, Enrique.
- 4** **Title of the work:** Hierarchical Bayesian approach for estimating physical properties in spiral galaxies: Age Maps for M74
Name of the conference: 4th International Conference on mathematical modeling in Physical Sciences
Type of event: Conference
Type of participation: Participatory - oral communication
City of event: Mykonos, Notio Aigaio, Greece
Date of event: 05/06/2015
End date: 08/06/2015
Sanchez-Gil, Maria Carmen; Berihuete-Macias, Angel; Alfaro-Navarro, Emilio Javier.
- 5** **Title of the work:** Looking for kinematic substructures in open clusters: The case of NGC 2264
Name of the conference: The kinematics of star formation: Theory and observation in the Gaia era
Type of event: Conference
Type of participation: Participatory - oral communication
City of event: London, United Kingdom
Date of event: 09/01/2015
Organising entity: Royal Astronomical Society



Alfaro E. J.

- 6 Title of the work:** Stellar Clusters in the Phase Space: Feedback between Dynamical Models and Observations

Name of the conference: Gaia-ESO Survey Second Science Meeting

Type of event: Conference

Type of participation: Participatory - invited/keynote talk

City of event: Porto, Portugal

Date of event: 10/11/2014

End date: 13/11/2014

Organising entity: Centro de Astrofísica da Universidade do Porto

Alfaro E. J.

- 7 Title of the work:** Ciencia en el Cervantes: Astronomía y Humanidades

Name of the conference: XI Scientific Meeting of the Spanish Astronomical Society

Type of event: Conference

Type of participation: Participatory - invited/keynote talk

City of event: Teruel, Aragon, Spain

Date of event: 08/09/2014

End date: 12/09/2014

Organising entity: Spanish Astronomical Society (SEA)

Alfaro, E. J.

- 8 Title of the work:** Cúmulos Estelares en el proyecto GES

Name of the conference: XI Scientific Meeting of the Spanish Astronomical Society

Type of event: Conference

Type of participation: Participatory - oral communication

City of event: Teruel, Aragon, Spain

Date of event: 08/09/2014

End date: 12/09/2014

Organising entity: Spanish Astronomical Society (SEA)

Alfaro, E. J.

- 9 Title of the work:** What is a cluster member for GES?

Name of the conference: Young Clusters in the Gaia-ESO Survey

Type of event: Conference

Type of participation: Participatory - invited/keynote talk

City of event: Palermo, Italy

Date of event: 20/05/2014

End date: 22/05/2014

Organising entity: Osservatorio Astronomico di Palermo

Alfaro, E. J.

- 10 Title of the work:** Developing Tools to Search for PNe in the JPAS Survey

Name of the conference: Asymmetrical Planetary Nebulae VI conference

City of event: Riviera Maya, Mexico

Date of event: 04/11/2013

End date: 08/11/2013

Organising entity: Instituto de Astronomía - UNAM

Gonçalves D. including Alfaro E. J.



- 11 Title of the work:** First whole-sky results from the Galactic O-Star Spectroscopic Survey
Name of the conference: Massive Stars: From Alpha to Omega
Type of event: Conference **Geographical area:** Non EU International
Type of participation: 'Participatory - poster
City of event: Rodas, Greece
Date of event: 10/06/2013
End date: 14/06/2013
Organising entity: National Observatory of Athens
Type of contribution: Scientific paper
Maíz Apellániz, Jesús; Sota-Ballano, Alfredo; Alfaro-Navarro, Emilio Javier; Gallego-Calvente, Aurelia Teresa. "First whole-sky results from the Galactic O-Star Spectroscopic Survey". 2013. Available on-line at: <<http://adsabs.harvard.edu/abs/2013msao.confE.198M>>.
- 12 Title of the work:** GOSSS-DR1: The First Data Release of the Galactic O-star Spectroscopic Survey
Name of the conference: Massive Stars: From Alpha to Omega
Type of event: Conference **Geographical area:** Non EU International
Type of participation: 'Participatory - poster
City of event: Rodas, Greece
Date of event: 10/06/2013
End date: 14/06/2013
Organising entity: National Observatory of Athens
Type of contribution: Scientific paper
Sota-Ballano, Alfredo; Maíz-Apellániz, Jesús; Alfaro-Navarro, Emilio Javier; Gallego-Calvente, Aurelia Teresa. 2013. Available on-line at: <<http://adsabs.harvard.edu/abs/2013msao.confE.101S>>.
- 13 Title of the work:** Study of Stellar Clusters Containing Massive Stars
Name of the conference: Massive Stars: From Alpha to Omega
Type of event: Conference **Geographical area:** Non EU International
City of event: Rodas, Greece
Date of event: 10/06/2013
End date: 14/06/2013
Organising entity: National Observatory of Athens
Type of contribution: Scientific paper
Alfaro-Navarro, Emilio Javier; Delgado-Sánchez, Antonio Jesús; Djupvik, Anlaug Amanda; Maíz- Apellániz, Jesús. Available on-line at: <<http://adsabs.harvard.edu/abs/2013msao.confE..61C>>.
- 14 Title of the work:** First Results from a Study of DIBs with Thousands of High-Quality Massive-Star Spectra
Name of the conference: The Diffuse Interstellar Bands
Type of event: Conference **Geographical area:** Non EU International
City of event: Haarlem, Holland
Date of event: 2013
Organising entity: IAU
Maíz Apellániz, J. et al. including Alfaro, E. J.En: IAU Symposium 297.
- 15 Title of the work:** AGN-host galaxy connection: multiwavelength study
Name of the conference: XXVIII IAU General Assembly
Type of event: Conference **Geographical area:** Non EU International
Type of participation: 'Participatory - poster
City of event: Beijing, China
Date of event: 20/08/2012
End date: 31/08/2012



Organising entity: International Astronomical Union (IAU)

Type of contribution: Scientific paper

Sánchez-Portal, M.; Pérez-García, A. M.; Bongiovanni, A.; Cepa, J.; Huertas-company, M.; Lara- López, M. A.; Fernandez-Lorenzo, Mirian; Ederoclite, A.; Alfaro-Navarro, Emilio Javier; Castañeda, H.; Gallego, J; González-serrano, J. I; González, J.

16 Title of the work: Corrugated Velocity Pattern in the Spiral Galaxies: NGC278, NGC1058, NGC2500 & UGC3574

Name of the conference: X Scientific Meeting of the Spanish Astronomical Society

Type of event: Conference

Type of participation: Participatory - oral communication

City of event: Valencia, Valencian Community, Spain

Date of event: 09/07/2012

End date: 13/07/2012

Organising entity: Spanish Astronomical Society (SEA)

Sánchez-Gil, M. C.; Alfaro, E. J.; Pérez-Jimenez, E. En: Highlights of Spanish Astrophysics VII. pp. 385. Eds.: J.C. Guirado, L.M. Lara, V. Quilis, and J. Gorgas.,

17 Title of the work: OSIRIS/GTC: Status and Prospects

Name of the conference: X Scientific Meeting of the Spanish Astronomical Society

Type of event: Conference

Geographical area: National

City of event: Valencia, Valencian Community, Spain

Date of event: 09/07/2012

End date: 13/07/2012

Organising entity: Spanish Astronomical Society (SEA)

Cepa, J.; et al. including; Alfaro, E. J. Available on-line at: <<http://adsabs.harvard.edu/abs/2013hsa7.conf..868C>>.

18 Title of the work: Status of the OTELO Project

Name of the conference: X Scientific Meeting of the Spanish Astronomical Society

Type of event: Conference

Type of participation: Participatory - oral communication

City of event: Valencia, Valencian Community, Spain

Date of event: 09/07/2012

End date: 13/07/2012

Organising entity: Spanish Astronomical Society (SEA)

Alfaro-Navarro, Emilio Javier.

19 Title of the work: Disclosure of the Consolider-GTC program

Name of the conference: X Scientific Meeting of the Spanish Astronomical Society

City of event: Valencia, Valencian Community, Spain

Date of event: 09/07/2012

End date: 13/07/2012

Organising entity: Sociedad Española de Astronomía (SEA)

"Disclosure of the Consolider-GTC program ". Available on-line at: <<http://adsabs.harvard.edu/abs/2013hsa7.conf.1010R>>.

20 Title of the work: NIXNOX Project: Enjoy the Dark Skies of Spain

Name of the conference: X Scientific Meeting of the Spanish Astronomical Society

City of event: Valencia, Valencian Community, Spain

Date of event: 09/07/2012



End date: 13/07/2012

Organising entity: Spanish Astronomical Society (SEA)

Zamorano, A. J.; et al. including Alfaro, E. J. "NIXNOX Project: Enjoy the Dark Skies of Spain". Available on-line at: <<http://adsabs.harvard.edu/abs/2013hsa7.conf..962Z>>.

21 Title of the work: The Galactic O-star Spectroscopic Survey (GOSS): new results from the Southern Stars

Name of the conference: X Scientific Meeting of the Spanish Astronomical Society

City of event: Valencia, Valencian Community, Spain

Date of event: 09/07/2012

End date: 13/07/2012

Organising entity: Spanish Astronomical Society (SEA)

Sota, A.; et al. including Alfaro, E. J. "The Galactic O-star Spectroscopic Survey (GOSS): new results from the Southern Stars". Available on-line at: <<http://adsabs.harvard.edu/abs/2013hsa7.conf..672S>>.

22 Title of the work: The heart of Cassiopeia and the tadpoles of Auriga: a story of two stellar clusters

Name of the conference: X Scientific Meeting of the Spanish Astronomical Society

City of event: Valencia, Valencian Community, Spain

Date of event: 09/07/2012

End date: 13/07/2012

Organising entity: Spanish Astronomical Society (SEA)

Costado, M. T.; et al. including Alfaro, E. J. "The heart of Cassiopeia and the tadpoles of Auriga: a story of two stellar clusters". Available on-line at: <<http://adsabs.harvard.edu/abs/2013hsa7.conf..647C>>.

23 Title of the work: Corrugated Velocity Pattern in the Spiral Galaxies: NGC278, NGC1058, NGC2500 & UGC3574

Name of the conference: European Week of Astronomy and Space Science

Type of event: Conference

Type of participation: 'Participatory - poster

City of event: Pontificia Università Lateranense, Roma, Italy

Date of event: 01/07/2012

End date: 06/07/2012

Sánchez-Gil, M. C.; Alfaro, E. J.; Pérez-Jimenez, E. pp. 385.

24 Title of the work: The OTELO project

Name of the conference: Fourth Science Meeting with the GTC

Type of event: Conference

Type of participation: Participatory - oral communication

City of event: La Laguna, Canary Islands, Spain

Date of event: 16/11/2011

End date: 18/11/2011

Cepa, Jordi; et al. including; Alfaro, E. J.

25 Title of the work: Agemaps in a sample of spiral galaxies

Name of the conference: The Milky Way in the Herschel Era: Towards a Galaxy-Scale View of the Star Formation Life-Cycle

Type of event: Conference

Type of participation: 'Participatory - poster

City of event: Angelicum Conference Center, Pontificia Università San Tommaso d'Aquino, Roma, Italy

Date of event: 19/09/2011

End date: 23/09/2011

Sanchez-Gil, Maria Carmen; Perez-Jimenez, Enrique; Alfaro-Navarro, Emilio Javier.



- 26** **Title of the work:** Stellar Physics with the ALHAMBRA Photometric System
Name of the conference: GREAT-ESF Stellar Atmospheres in the GAIA Era Workshop
Geographical area: Non EU International
Type of participation: Participatory - oral communication
City of event: Brussles, Belgium
Date of event: 23/06/2011
End date: 24/06/2011
Organising entity: GREAT
Aparicio-Villegas, T.; et al. including; Alfaro, E. J. En: Journal of Physics Conference Series. 328 - 012004,
- 27** **Title of the work:** Report on Workshop "Stellar Cluster & Associations" + Gould Belt + GAIA
Name of the conference: II Reunión Científica de la REG GAIA
Type of event: Conference **Geographical area:** National
City of event: Santillana del Mar, Cantabria, Spain
Date of event: 2011
Organising entity: Red Española de Gaia
Alfaro, E. J.
- 28** **Title of the work:** Spanish Astronomy and the Spanish Astronomical Society
Name of the conference: Meeting of the Société Française d'Astronomie & d'Astrophysique
Type of event: Conference **Geographical area:** Non EU International
Type of participation: Participatory - invited/keynote talk
City of event: Paris, France
Date of event: 2011
Organising entity: Société Française d'Astronomie & d'Astrophysique (SF2A)
Alfaro, E. J.
- 29** **Title of the work:** Age patterns in a sample of nearby spiral galaxies
Name of the conference: IX Scientific Meeting of the Spanish Astronomical Society
Type of event: Conference
Type of participation: Participatory - oral communication
City of event: Madrid, Spain
Date of event: 13/09/2010
End date: 17/09/2010
Organising entity: Spanish Astronomical Society (SEA)
Sanchez-Gil, Maria Carmen; Perez-Jimenez, Enrique; Alfaro-Navarro, Emilio Javier.
- 30** **Title of the work:** Corrugated Velocity Pattern in the Spiral Galaxies: NGC278, NGC1058, NGC2500, NGC2500 & UGC 3574
Name of the conference: IX Scientific Meeting of the Spanish Astronomical Society
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Madrid, Community of Madrid, Spain
Date of event: 13/09/2010
End date: 17/09/2010
Organising entity: Spanish Astronomical Society (SEA)
Sánchez-Gil, M. C.; Alfaro, E. J.; Pérez-Jimenez, E. pp. 385.



- 31 Title of the work:** Corrugated velocity pattern in spiral galaxies: NGC728, NGC1058, NGC2500 AND UGC 3574
Name of the conference: IX Scientific Meeting of the Spanish Astronomical Society
Type of event: Conference
City of event: Madrid, Community of Madrid, Spain
Date of event: 13/09/2010
End date: 17/09/2010
Organising entity: Spanish Astronomical Society (SEA)
Sánchez-Gil, M. C.; Alfaro, E. J.; Pérez-Jimenez, E. En: Highlights of Spanish Astrophysics VI. pp. 401. Eds.: M. R. Zapatero Osorio, J. Gorgas, J. Maíz Apellániz, J. R. Pardo, and A. Gil de Paz.,
- 32 Title of the work:** GO-IRS: GTC Optical Intermediate-Resolution Spectrograph
Name of the conference: IX Scientific Meeting of the Spanish Astronomical Society
Type of event: Conference
City of event: Madrid, Community of Madrid, Spain
Date of event: 13/09/2010
End date: 17/09/2010
Organising entity: Spanish Astronomical Society (SEA)
Caballero, J. A.; et al. including; Alfaro, E. J. En: Highlights of Spanish Astrophysics VI. pp. 769. Eds.: M. R. Zapatero Osorio, J. Gorgas, J. Maíz Apellániz, J. R. Pardo, and A. Gil de Paz.,
- 33 Title of the work:** OTELO Project: First Results
Name of the conference: IX Scientific Meeting of the Spanish Astronomical Society
Type of event: Conference
City of event: Madrid, Community of Madrid, Spain
Date of event: 13/09/2010
End date: 17/09/2010
Organising entity: Spanish Astronomical Society (SEA)
Cepa, J.; et al. including; Alfaro, E. J. En: Highlights of Spanish Astrophysics VI. pp. 167 - 172. Eds.: M. R. Zapatero Osorio, J. Gorgas, J. Maíz Apellániz, J. R. Pardo, and A. Gil de Paz.,
- 34 Title of the work:** Science with the Galactic O-Star Spectroscopic Survey (GOSSS): the relationship between DIBS, ISM and extinction
Name of the conference: IX Scientific Meeting of the Spanish Astronomical Society
Type of event: Conference
City of event: Madrid, Community of Madrid, Spain
Date of event: 13/09/2010
End date: 17/09/2010
Organising entity: Spanish Astronomical Society (SEA)
Maíz-Apellániz, J.; Sota, A.; Alfaro, E. J.; Walborn, N.; Barbá, R. H.; Morrell, N. I.; Arias, J. I.; Gamen, R. C. En: . Highlights of Spanish Astrophysics VI. pp. 467 - 472. Eds.: M. R. Zapatero Osorio, J. Gorgas, J. Maíz Apellániz, J. R. Pardo, and A. Gil de Paz.,
- 35 Title of the work:** Science with the Galactic O-Star Spectroscopic Survey (GOSSS): the relationship between DIBS, ISM, and extinction
Name of the conference: IX Scientific Meeting of the Spanish Astronomical Society
Type of event: Conference **Geographical area:** National
City of event: Madrid, Community of Madrid, Spain
Date of event: 13/09/2010
End date: 17/09/2010
Organising entity: Spanish Astronomical Society (SEA)



Penadés-Ordaz, M.; Maíz-Apellániz, J.; Sota, A.; Alfaro, E. J.; Walborn, N. R.; Barbá, R. H.; Morrell, N.; Arias, J.; Gamen, R. En: . Highlights of Spanish Astrophysics VI. pp. 544. Eds.: M. R. Zapatero Osorio, J. Gorgas, J. Maíz Apellániz, J. R. Pardo, and A. Gil de Paz.,

- 36** **Title of the work:** The Galactic O-Star Spectroscopic Survey (GOSS)
Name of the conference: IX Scientific Meeting of the Spanish Astronomical Society (SEA)
Type of event: Conference **Geographical area:** National
Type of participation: Participatory - oral communication **Reasons for participation:** Review before acceptance
City of event: Madrid, Community of Madrid, Spain
Date of event: 13/09/2010
End date: 17/09/2010
Organising entity: Sociedad Española de Astronomía (SEA)
City organizing entity: Madrid, Community of Madrid, Spain
Publication in conference proceedings: Yes
Type of contribution: Scientific paper
Maíz Apellániz, J.; et al. including Alfaro, E. J. "THE GALACTIC O-STAR SPECTROSCOPIC SURVEY (GOSS)". 2010. Available on-line at: <<http://adsabs.harvard.edu/abs/2011hsa6.conf..467M>>.
- 37** **Title of the work:** The Galaxy Cluster Evolution Survey (GLACE): introduction and first results
Name of the conference: IX Scientific Meeting of the Spanish Astronomical Society
Type of event: Conference
City of event: Madrid, Community of Madrid, Spain
Date of event: 13/09/2010
End date: 17/09/2010
Organising entity: Spanish Astronomical Society (SEA)
Sánchez-Portal, M.; et al. including; Alfaro, E. J. En: Highlights of Spanish Astrophysics VI. pp. 353 - 360. Eds.: M. R. Zapatero Osorio, J. Gorgas, J. Maíz Apellániz, J. R. Pardo, and A. Gil de Paz.,
- 38** **Title of the work:** The distribution of star-formation regions in M33
Name of the conference: IX Scientific Meeting of the Spanish Astronomical Society
Type of event: Conference
City of event: Madrid, Community of Madrid, Spain
Date of event: 13/09/2010
End date: 17/09/2010
Organising entity: Spanish Astronomical Society (SEA)
Sánchez, N.; Añez, N.; Alfaro, E. J.; Odekon, M. C. En: Highlights of Spanish Astrophysics VI. pp. 333 - 338. Eds.: M. R. Zapatero Osorio, J. Gorgas, J. Maíz Apellániz, J. R. Pardo, and A. Gil de Paz.,
- 39** **Title of the work:** Age mapping a super giant star complex in IC 2574
Name of the conference: VIII Starbursts in galaxies: Challenges for the new decade
Type of event: Conference
Type of participation: Participatory - oral communication
City of event: Salobreña, Andalusia, Spain
Date of event: 08/03/2010
End date: 10/03/2010
Sanchez-Gil, Maria Carmen; Perez-Jimenez, Enrique; Alfaro-Navarro, Emilio Javier.
- 40** **Title of the work:** Effect of sampling radius on the determination of membership in Open Clusters
Name of the conference: I Reunión Científica de la REG Gaia
Type of event: Conference **Geographical area:** National



City of event: San Fernando, Andalusia, Spain
Date of event: 2010
Organising entity: Red Española de Gaia (REG)
Sánchez, N.; Vicente, B.; Alfaro, E. J.

- 41** **Title of the work:** Internal structure of the stellar clusters geometry of star formation
Name of the conference: Computational star formation
Type of event: Conference **Geographical area:** Non EU International
Type of participation: Participatory - invited/keynote talk
City of event: Barcelona, Catalonia, Spain
Date of event: 2010
Organising entity: IAU
Alfaro, E. J.En: IAU Symposium.
- 42** **Title of the work:** Spectroscopic Survey of galactic O and WN stars
Name of the conference: The interferometric view on hot stars
Type of event: Conference **Geographical area:** Non EU International
City of event: Viña del Mar, Chile
Date of event: 2010
Barbá, R. H.; et al. including; Alfaro, E. J.En: Revista Mexicana de Astronomía y Astrofísica Serie de Conferencias. 38, pp. 30 - 32. Eds. Th. Rivinius & M. Curé,
- 43** **Title of the work:** Corrugated velocity pattern in the spiral galaxies: NGC271, NGC1058, NGC2500 & UGC3574
Name of the conference: GAIA: la galaxia en un petabyte
Type of event: Conference **Geographical area:** European Union
Type of participation: 'Participatory - poster
City of event: Mahón, Balearic Islands, Spain
Date of event: 30/09/2009
End date: 02/10/2009
Organising entity: IEEC and ICC-UB
Sánchez-Gil, M. C.; Alfaro, E. J.; Perez-Jimenez, E.En: on-line. Available on-line at: <<http://www.ieec.cat/mediterrania2009/proc>>.
- 44** **Title of the work:** Hierarchical stellar systems
Name of the conference: GAIA: la galaxia en un petabyte
Type of event: Conference **Geographical area:** European Union
Type of participation: Participatory - invited/keynote talk
City of event: Mahón, Balearic Islands, Spain
Date of event: 30/09/2009
End date: 02/10/2009
Organising entity: IEEC and ICC-UB
Alfaro, E. J.En: on-line. Available on-line at: <<http://www.ieec.cat/mediterrania2009/proc>>.
- 45** **Title of the work:** Spectroscopic survey of galactic O and WN stars
Name of the conference: XII Latin american IAU regional meeting
Type of event: Conference **Geographical area:** Non EU International
City of event: Isla Margarita, Venezuela
Date of event: 2009
Sánchez, N.; Alfaro, E. J.; Perez-Jimenez, E.En: Revista Mexicana de Astronomía y Astrofísica Serie de Conferencias. 35, pp. 76 - 77. Eds. G. Magris, G. Bruzual & L. Carigi,



- 46** **Title of the work:** The fractal spatial distribution of stars in open clusters and stellar associations
Name of the conference: XXXII Bienal de la Real Sociedad Española de Física
Type of event: Conference **Geographical area:** Non EU International
City of event: Ciudad Real, Castile-La Mancha, Spain
Date of event: 2009
Organising entity: Real Sociedad Española de Física
Sanchez, N.; Alfaro, E. J.En: Lecture Notes and Essays in Astrophysics. Proceedings of the conference. 4, pp. 1 - 11. Edited by A. Ulla and M. Manteiga, ISBN 978-84-936098-8-7
- 47** **Title of the work:** The spatial distribution of stars in open clusters
Name of the conference: Star clusters: basic galactic building blocks throughout time and space
Type of event: Conference **Geographical area:** Non EU International
City of event: Río de Janeiro, Brazil
Date of event: 2009
Organising entity: IAU SYMPOSIUM
Sánchez, N.; Alfaro, E. J.En: PROCEEDINGS OF THE INTERNATIONAL ASTRONOMICAL UNION - IAU SYMPOSIUM 266. 266, pp. 524 - 527.
- 48** **Title of the work:** Determining the Fractal Dimension of the Interstellar Medium
Name of the conference: XII Latin American regional IAU meeting
Type of event: Conference **Geographical area:** Non EU International
City of event: Caracas, Venezuela
Date of event: 2008
Organising entity: IAU
Sánchez, N.; Alfaro, E. J.; Pérez-Jiménez, E.En: XII LATIN AMERICAN REGIONAL IAU MEETING. pp. 1 - 1.
- 49** **Title of the work:** Metallicity Estimation Using N2 Method with OSIRIS
Name of the conference: VIII Scientific Meeting of the Spanish Astronomical Society
Type of event: Conference **Geographical area:** Non EU International
City of event: Santander, Cantabria, Spain
Date of event: 2008
Organising entity: Spanish Astronomical Society (SEA)
Lara-Lopez, M. A.; et al. including; Alfaro, E. J.En: HIGHLIGHTS OF SPANISH ASTROPHYSICS V, ASTROPHYSICS AND SPACE SCIENCE PROCEEDINGS. pp. 507 - 510. Springer-Verlag Berlin Heidelberg, ISBN 978-3-642-11249-2
- 50** **Title of the work:** OTELO Survey: Properties of X-ray Emitters in the Groth Field – I. Optical Counterparts and Morphological Classification
Name of the conference: The X-ray Universe
Type of event: Conference **Geographical area:** Non EU International
City of event: Granada, Andalusia, Spain
Date of event: 2008
Organising entity: Spanish Astronomical Society (SEA)
Povic, M.; Et Al. including; Alfaro, E. J.En: Published on-line. Available on-line at: <http://xmm.esac.esa.int/external/xmm_science/workshops/2008symposium>.
- 51** **Title of the work:** OTELO Survey: Properties of X-ray Emitters in the Groth Field – I. Optical Counterparts and Morphological Classification
Name of the conference: VIII Scientific Meeting of the Spanish Astronomical Society
Type of event: Conference **Geographical area:** Non EU International



City of event: Santander, Cantabria, Spain

Date of event: 2008

Organising entity: Spanish Astronomical Society (SEA)

Povic, M.; Et Al. including; Alfaro, E. J.En: HIGHLIGHTS OF SPANISH ASTROPHYSICS V, ASTROPHYSICS AND SPACE SCIENCE PROCEEDINGS. pp. 343 - 346. Springer-Verlag Berlin Heidelberg, ISBN 978-3-642-11249-2

52 Title of the work: OTELO Survey: X-ray Emitters in the Groth Field – II. Properties of the AGN Population

Name of the conference: VIII Scientific Meeting of the Spanish Astronomical Society

Type of event: Conference

Geographical area: Non EU International

City of event: Santander, Cantabria, Spain

Date of event: 2008

Organising entity: Spanish Astronomical Society (SEA)

Sánchez-Portal, M.; et al. including; Alfaro, E. J.En: HIGHLIGHTS OF SPANISH ASTROPHYSICS V, ASTROPHYSICS AND SPACE SCIENCE PROCEEDINGS. pp. 355 - 358. Springer-Verlag Berlin Heidelberg, ISBN 978-3-642-11249-2

53 Title of the work: OTELO survey: deep BVRI broad-band photometry of the Groth strip I. Number counts and two-point correlation functions

Name of the conference: VIII Scientific Meeting of the Spanish Astronomical Society

Type of event: Conference

Geographical area: National

City of event: Santander, Cantabria, Spain

Date of event: 2008

Organising entity: Spanish Astronomical Society (SEA)

Cepa, J.; Bongiovanni, A.; Alfaro, E. J.En: HIGHLIGHTS OF SPANISH ASTROPHYSICS V, ASTROPHYSICS AND SPACE SCIENCE PROCEEDINGS. pp. 335 - 335. Springer-Verlag Berlin Heidelberg,

54 Title of the work: On the fractal distribution of HII regions in disk galaxies

Name of the conference: VIII Scientific Meeting of the Spanish Astronomical Society

Type of event: Conference

Geographical area: Non EU International

City of event: Santander, Cantabria, Spain

Date of event: 2008

Organising entity: Spanish Astronomical Society (SEA)

Sánchez, N.; Alfaro, E. J.En: HIGHLIGHTS OF SPANISH ASTROPHYSICS V, ASTROPHYSICS AND SPACE SCIENCE PROCEEDINGS. pp. 353 - 353. Springer-Verlag Berlin Heidelberg, ISBN 978-3-642-11249-2

55 Title of the work: The ALHAMBRA Survey

Name of the conference: Pathways Through an Eclectic Universe

Type of event: Conference

Geographical area: Non EU International

City of event: Tenerife, Canary Islands, Spain

Date of event: 2008

Organising entity: ASP

Moles-Villamate, M. J.; Et Al. including; Alfaro, E. J.En: ASP CONFERENCE SERIES. 390, pp. 495 - 497. Edited by J. H. Knapen, T. J. Mahoney, and A. Vazdekis,

56 Title of the work: Accurate distances to nearby massive stars with the new reduction of the Hipparcos raw data

Name of the conference: Massive stars as cosmic engines

Type of event: Conference

City of event: Kauai, United States of America

Date of event: 2007



Organising entity: IAU Symposium

Máiz-Apellániz, J.; Alfaro, E. J.; Sota, A. En: PROCEEDINGS OF THE INTERNATIONAL ASTRONOMICAL UNION - IAU SYMPOSIUM 250. 250, Eds. F. BreSolín, P. A. Crowther & J. Puls,

- 57** **Title of the work:** HD 92206C: a new short-period massive binary in the Carina Nebula
Name of the conference: VI Reunion anual Sociedad Chilena de Astronomía
Type of event: Conference **Geographical area:** Non EU International
City of event: Valparaiso, Chile
Date of event: 2007
Organising entity: Chilean Astronomy Society (SOCHIAS)
Campillay, A.; et al. including; Alfaro, E. J. En: VI Reunion Anual Sociedad Chilena de Astronomia. pp. 63.
- 58** **Title of the work:** Spectroscopic monitoring of southern galactic O and WN stars: state of the art in 2007
Name of the conference: Massive stars as cosmic engines
Type of event: Conference
City of event: Kauai, United States of America
Date of event: 2007
Organising entity: IAU Symposium
Gamen, R.; et al. including; Alfaro, E. J. En: PROCEEDINGS OF THE INTERNATIONAL ASTRONOMICAL UNION - IAU SYMPOSIUM 250. 250, Eds. F. BreSolín, P. A. Crowther & J. Puls,
- 59** **Title of the work:** Star clusters in the solar neighbourhood
Name of the conference: Young massive star clusters
Type of event: Conference **Geographical area:** Non EU International
Type of participation: Participatory - invited/keynote talk
City of event: Granada, Andalusia, Spain
Date of event: 2007
Alfaro, E. J.
- 60** **Title of the work:** The Spanish Astronomical Society and the development of astronomy in Spain
Name of the conference: Meeting of the Societé Francaise de l'Astronomie et l'Astrophysique
Type of event: Conference **Geographical area:** Non EU International
Type of participation: Participatory - invited/keynote talk
City of event: Grenoble, France
Date of event: 2007
Alfaro, E. J.
- 61** **Title of the work:** Three-dimensional spectroscopy of a starburst region in the spiral galaxy NGC6946
Name of the conference: Astrophysics and cosmology after Gamow
Type of event: Conference **Geographical area:** Non EU International
City of event: Odessa, Ukraine
Date of event: 2007
Alfaro, E. J. et al. En: ASTROPHYSICS AND COSMOLOGY AFTER GAMOV. Edited by G. S. Bisnovaty-Kogan, S. Silich, E. Terlevich, R. Terlevich and A. Zhuk.,
- 62** **Title of the work:** Near-field hierarchical galaxy formation with the gran telescopio of canarias
Name of the conference: Bernard's cosmic stories: from primordial fluctuations to the birth of stars and galaxies
Type of event: Conference **Geographical area:** Non EU International
City of event: Valencia, Valencian Community, Spain
Date of event: 2006



Organising entity: Universidad Internacional Menéndez Pelayo

Type of entity: University

Martinez-Delgado, D.; et al. including; Alfaro, E. J.En: Meeting abstract on-line. pp. 83. Available on-line at: <<http://www.astro.rug.nl/~bernard60/index.php>>.

63 Title of the work: OSIRIS: status and science

Name of the conference: VII Scientific Meeting of the Spanish Astronomical Society

Type of event: Conference

Geographical area: Non EU International

City of event: Barcelona, Catalonia, Spain

Date of event: 2006

Organising entity: Spanish Astronomical Society (SEA)

Cepa, J.; et al. including; Alfaro, E. J.En: HIGHLIGHTS OF SPANISH ASTROPHYSICS V, PROCEEDINGS OF THE VII SCIENTIFIC MEETING OF THE SPANISH ASTRONOMICAL SOCIETY (SEA), pp. 71. Edited by F. Figueras, Departament d'Astronomia i Meteorologia, Universitat de Barcelona-IEEC; J.M. Girart, Institute de Ciències de l'Espai, CSIC-IEEC; M. Hernanz, Institute de Ciències de l'Espai, CSIC-IEEC; C. Jordi, Departament d'Astronomia i Meteorologia, Universitat de Barcelona-IEEC, ISBN 978-1-4020-6000-7

64 Title of the work: OTELO: optical data for X-ray sources in the groth strip

Name of the conference: First light science with the GTC

Type of event: Conference

Geographical area: Non EU International

City of event: Miami, United States of America

Date of event: 2006

Sanchez-Portal, M.; et al. including; Alfaro, E. J.En: Revista Mexicana de Astronomía y Astrofísica Serie de Conferencias. 29, pp. 175. Eds. R. Guzman, C. Packham, J.M. Rodriguez-Espinoza & S. Torre-Peimbert,

65 Title of the work: OTELO: the stellar component of the groth field

Name of the conference: First light science with the GTC

Type of event: Conference

Geographical area: Non EU International

City of event: Miami, United States of America

Date of event: 2006

Perez-Garcia, A. M.; et al. including; Alfaro, E. J.En: Revista Mexicana de Astronomía y Astrofísica Serie de Conferencias. 29, pp. 155. Eds. R. Guzman, C. Packham, J.M. Rodriguez-Espinoza & S. Torre-Peimbert,

66 Title of the work: Star clusters with the GTC

Name of the conference: First light science with the GTC

Type of event: Conference

Geographical area: Non EU International

Type of participation: Participatory - invited/keynote talk

City of event: Miami, United States of America

Date of event: 2006

Alfaro, E. J.En: Revista Mexicana de Astronomía y Astrofísica Serie de Conferencias. 29, pp. 57 - 62. Eds. R. Guzmán, C. Packham, J. M. Rodríguez-Espinosa, & S. Torres-Peimbert,

67 Title of the work: The OTELO project

Name of the conference: First light science with the GTC

Type of event: Conference

Geographical area: Non EU International

City of event: Miami, United States of America

Date of event: 2006

Cepa, J.; et al. including; Alfaro, E. J.En: Revista Mexicana de Astronomía y Astrofísica Serie de Conferencias. 29, pp. 168. Eds. R. Guzman, C. Packham, J.M. Rodriguez-Espinoza & S. Torre-Peimbert,



- 68** **Title of the work:** The origin of the Virgo stellar over-density: a tidal debris from the Sagittarius dwarf galaxy?
Name of the conference: From stars to galaxies: building the pieces to build up the Universe
Type of event: Conference **Geographical area:** Non EU International
City of event: Venecia, Italy
Date of event: 2006
Organising entity: ASP
Martínez-Delgado, D.; Peñarrubia, J.; Juric, M.; Alfaro, E. J. En: ASP CONFERENCE SERIES. 374, pp. 195. Edited by Antonella Vallenari, Rosaria Tantalò, Laura Portinari, and Alessia Moretti.,
- 69** **Title of the work:** The origin of the Virgo stellar over-density: a tidal debris from the Sagittarius dwarf galaxy?
Name of the conference: From stars to galaxies: building the pieces to build up the Universe
Type of event: Conference **Geographical area:** Non EU International
City of event: Venecia, Italy
Date of event: 2006
Alfaro, E. J. En: FROM STARS TO GALAXIES: BUILDING THE PIECES TO BUILD UP THE UNIVERSE. 374, pp. 195 - 196.
- 70** **Title of the work:** Astronomy in Spain
Name of the conference: Astronomy 2005 - Current state and prospects
Type of event: Conference **Geographical area:** Non EU International
Type of participation: Participatory - invited/keynote talk
City of event: Moscú, Russia
Date of event: 2005
Alfaro, E. J.
- 71** **Title of the work:** Complexes of star formation in nearby galaxies
Name of the conference: XIV National conference of astronomers of Serbia and Montenegro
Type of event: Conference **Geographical area:** Non EU International
Type of participation: Participatory - invited/keynote talk
City of event: Belgrado, Serbia
Date of event: 2005
Alfaro, E. J.
- 72** **Title of the work:** Scales of star formation regions
Name of the conference: XXX Bienal de la Real Sociedad Española de Física
Type of event: Conference **Geographical area:** Non EU International
Type of participation: Participatory - invited/keynote talk
City of event: Orense, Galicia, Spain
Date of event: 2005
Organising entity: Real Sociedad Española de Física
Alfaro, E. J.; Elias, F. En: Lecture Notes and Essays in Astrophysics. Proceedings of the conference. 2, pp. 111 - 126. ISBN 978-84-936098-8-7
- 73** **Title of the work:** XMM-Newton and deep optical observations of the OTELO fields: the groth-westphal strip
Name of the conference: The X-ray Universe 2005
Type of event: Conference **Geographical area:** Non EU International
City of event: El Escorial, Community of Madrid, Spain
Date of event: 2005



Sanchez-Portal, M.; et al. including; Alfaro, E. J. En: Proceedings of The X-ray Universe 2005 (ESA SP-604). 604, pp. 841. Editor: A. Wilson,

74 Title of the work: How does the galaxy work?

Name of the conference: How does the galaxy work? A galactic tertulia WITH Don Cox & Ron Reynolds

Type of event: Conference

Geographical area: Non EU International

City of event: Granada, Andalusia, Spain

Date of event: 2004

Alfaro, E. J.; Perez-Jimenez, E.; Franco, J. En: ASTROPHYSICS AND SPACE SCIENCE LIBRARY. 315, Edited by Emilio J. Alfaro, Instituto de Astrofísica de Andalucía (CSIC), Granada, Spain; Enrique Pérez, Instituto de Astrofísica de Andalucía (CSIC), Granada, Spain; José Franco, Instituto de Astronomía, UNAM, México,

75 Title of the work: IAA and the popularization of astronomy in written-press media

Name of the conference: XIII Joint European and National Astronomical Meeting and VI Scientific Meeting of the Spanish Astronomical Society

Type of event: Conference

Geographical area: Non EU International

City of event: Granada, Andalusia, Spain

Date of event: 2004

Organising entity: Spanish Astronomical Society (SEA)

Vílchez, J. M.; et al. including; Alfaro, E. J. En: XIII JOINT EUROPEAN AND NATIONAL ASTRONOMICAL MEETING. Edited by J. C. Del Toro Iniesta, E. J. Alfaro, J. G. Gorgas, E. Salvador-Sole, and H. Butcher, ISBN 1-4020-4351-1

76 Title of the work: Ly alpha emitters at z=6 in the OTELO survey

Name of the conference: II International GTC workshop: science with GTC 1st-light instruments and the LMT

Type of event: Conference

Geographical area: Non EU International

City of event: México D.F., Mexico

Date of event: 2004

González-Serrano, J. I.; et al. including; Alfaro, E. J. En: Revista Mexicana de Astronomía y Astrofísica Serie de Conferencias. 24, pp. 247 - 248. Eds. A. M. Hidalgo-Gómez, J. J. González, J. M. Rodríguez Espinosa, and S. Torres-Peimbert,

77 Title of the work: QSOs and the survey OTELO

Name of the conference: II International GTC workshop: science with GTC 1st-light instruments and the LMT

Type of event: Conference

Geographical area: Non EU International

City of event: México D.F., Mexico

Date of event: 2004

González-Serrano, J. I.; et al. including; Alfaro, E. J. En: Revista Mexicana de Astronomía y Astrofísica Serie de Conferencias. 24, pp. 245 - 246. Eds. A. M. Hidalgo-Gómez, J. J. González, J. M. Rodríguez Espinosa, and S. Torres-Peimbert,

78 Title of the work: Strategies for AGN characterization in the OTELO survey

Name of the conference: II International GTC workshop: science with GTC 1st-light instruments and the LMT

Type of event: Conference

Geographical area: Non EU International

City of event: México D.F., Mexico

Date of event: 2004

Sánchez-Portal, M.; et al. including; Alfaro, E. J. En: Revista Mexicana de Astronomía y Astrofísica Serie de Conferencias. 24, pp. 271 - 272. Eds. A. M. Hidalgo-Gómez, J. J. González, J. M. Rodríguez Espinosa, and S. Torres-Peimbert,



- 79** **Title of the work:** The ALHAMBRA survey: for a systematic study of cosmic evolution
Name of the conference: XIII Joint European and National Astronomical Meeting and VI Scientific Meeting of the Spanish Astronomical Society
Type of event: Conference **Geographical area:** Non EU International
City of event: Granada, Andalusia, Spain
Date of event: 2004
Organising entity: Spanish Astronomical Society (SEA)
Moles, M.; et al. including; Alfaro, E. J.En: XIII JOINT EUROPEAN AND NATIONAL ASTRONOMICAL MEETING. Edited by J. C. Del Toro Iniesta, E. J. Alfaro, J. G. Gorgas, E. Salvador-Sole, and H. Butcher, ISBN 1-4020-4351-1
- 80** **Title of the work:** The OTELO project
Name of the conference: II International GTC workshop: science with GTC 1st-light instruments and the LMT
Type of event: Conference **Geographical area:** Non EU International
City of event: México D.F., Mexico
Date of event: 2004
Cepa, J.; et al. including; Alfaro, E. J.En: Revista Mexicana de Astronomía y Astrofísica Serie de Conferencias. 24, pp. 82 - 87. Eds. A. M. Hidalgo-Gómez, J. J. González, J. M. Rodríguez Espinosa, and S. Torres-Peimbert,
- 81** **Title of the work:** The many scales in the universe: JENAM 2004 astrophysics reviews
Name of the conference: XIII Joint European and National Astronomical Meeting and VI Scientific Meeting of the Spanish Astronomical Society
Type of event: Conference **Geographical area:** Non EU International
Type of participation: Participatory - invited/keynote talk
City of event: Granada, Andalusia, Spain
Date of event: 2004
Organising entity: Spanish Astronomical Society (SEA)
Del Toro-Iniesta, J. C.; et al. including; Alfaro, E. J.En: XIII JOINT EUROPEAN AND NATIONAL ASTRONOMICAL MEETING. pp. 71. Edited by J. C. Del Toro Iniesta, E. J. Alfaro, J. G. Gorgas, E. Salvador-Sole, and H. Butcher, ISBN 1-4020-4351-1
- 82** **Title of the work:** A surface-brightness analysis of selected northern Cepheids
Name of the conference: Asteroseismology across the HR diagram
Type of event: Conference **Geographical area:** Non EU International
City of event: Oporto, Portugal
Date of event: 2003
Kiss, L. L.; et al. including; Alfaro, E. J.En: PROCEEDINGS OF ASTEROSEISMOLOGY WORKSHOP. pp. 429 - 432. Edited by M.J. Thompson, M.S. Cunha, M.J.P.F.G. Monteiro,
- 83** **Title of the work:** Accretion on classical T Tauri stars: an optical spectroscopic and photometric study
Name of the conference: uevas perspectivas en la intervención psicopedagógica: II. orientación, educación especial y formación del profesorado
Type of event: Conference **Geographical area:** National
City of event: Madrid, Community of Madrid, Spain
Date of event: 2002
Elías-Schliserman, F.; Delgado, A. J.; Alfaro, E. J.; Cabrera-Caño, J.; Fernández, M.En: INFONAV: UNPROTOTIPO DE SISTEMA DE INFORMACIÓN PARA LA NAVEGACIÓN. pp. 0 - 0.



- 84** **Title of the work:** Corrugations: spatial and kinetic structures
Name of the conference: V Scientific Meeting of the Spanish Astronomical Society
Type of event: Conference **Geographical area:** Non EU International
Type of participation: Participatory - invited/keynote talk
City of event: Toledo, Castile-La Mancha, Spain
Date of event: 2002
Organising entity: Spanish Astronomical Society (SEA)
Alfaro, E. J.En: HIGHLIGHTS OF SPANISH ASTROPHYSICS. pp. 169 - 170.
- 85** **Title of the work:** Galactic astronomy with OTELO
Name of the conference: Science with the GTC
Type of event: Conference **Geographical area:** Non EU International
City of event: Granada, Andalusia, Spain
Date of event: 2002
Alfaro., E. J. et al.En: REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA SERIE DE CONFERENCIAS. 16, pp. 255 - 256. Eds. José Miguel Rodríguez Espinosa, Francisco Garzón López, and Verónica Melo Martín,
- 86** **Title of the work:** Hot spots on classical T Tauri stars with high mass-loss rates
Name of the conference: Nuevas perspectivas en la intervención psicopedagógica: II. orientación, educación especial y formación del profesorado
Type of event: Conference **Geographical area:** National
City of event: Madrid, Community of Madrid, Spain
Date of event: 2002
Delgado, A. J.; Alfaro, E. J.; Elías-Schliserman, F.; Fernández, M.; Cabrera-Caño, J.En: INFONAV: UNPROTOTIPO DE SISTEMA DE INFORMACIÓN PARA LA NAVEGACIÓN. pp. 0 - 0.
- 87** **Title of the work:** MBM12--The nearest star forming cloud
Name of the conference: Nuevas perspectivas en la intervención psicopedagógica: II. orientación, educación especial y formación del profesorado
Type of event: Conference **Geographical area:** National
City of event: Madrid, Community of Madrid, Spain
Date of event: 2002
Elías-Schliserman, F.; Delgado, A. J.; Alfaro, E. J.; Cabrera-Caño, J.; Fernández, M.En: INFONAV: UNPROTOTIPO DE SISTEMA DE INFORMACIÓN PARA LA NAVEGACIÓN. pp. 0 - 0.
- 88** **Title of the work:** OTELO: a proposal for a GTC key project
Name of the conference: Science with the GTC
Type of event: Conference **Geographical area:** Non EU International
City of event: Granada, Andalusia, Spain
Date of event: 2002
Cepa, J.; et al. including; Alfaro, E. J.En: REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA SERIE DE CONFERENCIAS. 16, pp. 64 - 68. Eds. José Miguel Rodríguez Espinosa, Francisco Garzón López, and Verónica Melo Martín,
- 89** **Title of the work:** Quasars in the OTELO survey
Name of the conference: Science with the GTC
Type of event: Conference **Geographical area:** Non EU International
City of event: Granada, Andalusia, Spain
Date of event: 2002



González-Serrano, J. I.; et al. including; Alfaro, E. J. En: REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA SERIE DE CONFERENCIAS. 16, pp. 279 - 280. Eds. José Miguel Rodríguez Espinosa, Francisco Garzón López, and Verónica Melo Martín,

90 Title of the work: T Tauri stars located far from star forming regions

Name of the conference: Nuevas perspectivas en la intervención psicopedagógica: II. orientación, educación especial y formación del profesorado

Type of event: Conference

Geographical area: National

City of event: Madrid, Community of Madrid, Spain

Date of event: 2002

Elías-Schliserman, F.; Delgado, A. J.; Alfaro, E. J.; Cabrera-Caño, J.; Fernández, M. En: INFONAV: UNPROTOTIPO DE SISTEMA DE INFORMACIÓN PARA LA NAVEGACIÓN. pp. 0 - 0.

91 Title of the work: Hubble Space Telescope imaging of a peculiar star complex in NGC6946

Name of the conference: American Astronomical Society meeting

Type of event: Conference

Geographical area: Non EU International

City of event: Santa Bárbara, United States of America

Date of event: 2001

Elmegreen, B.; Alfaro, E. J. En: BULLETIN OF THE AMERICAN ASTRONOMICAL SOCIETY. 33, pp. 1329 - 1330.

92 Title of the work: Corrugated velocity pattern in NGC 5427

Name of the conference: Galaxy disk and disk galaxies

Type of event: Conference

Geographical area: Non EU International

City of event: Roma, Italy

Date of event: 2000

Organising entity: ASP

Alfaro, E. J.; Pérez-Jiménez, E.; Gonzalez-Delgado, R.; Martos, M.; Franco, J. En: ASP CONFERENCE SERIES. 230, pp. 199 - 200. Edited by José G. Funes, S. J. and Enrico Maria Corsini, ISBN 1-58381-063-3

93 Title of the work: Mapping the Gould belt velocity field by kriging techniques

Name of the conference: Mining the sky

Type of event: Conference

Geographical area: Non EU International

City of event: Garching, Germany

Date of event: 2000

Organising entity: ESO

Elías-Schliserman, F.; Cabrera-Caño, J.; Alfaro, E. J. En: PROCEEDINGS OF THE MPA/ESO/MPE WORKSHOP. 1, pp. 592 - 593. Edited by A.J. Banday, S. Zaroubi, and M. Bartelmann., ISBN 3-540-42468-7

94 Title of the work: Science with the Galactic O-Star Spectroscopic Survey (GOSSS): the relationship between DIBS, ISM, and extinction

Name of the conference: IV Scientific Meeting of the Spanish Astronomical Society

Type of event: Conference

Geographical area: Non EU International

City of event: Santiago de Compostela, Galicia, Spain

Date of event: 2000

Organising entity: Spanish Astronomical Society (SEA)

Barbá, R. H.; et al. including; Walborn, N. R.; Alfaro, E. J.; Maíz-Apellániz, J.; Sota, A. En: HIGHLIGHTS OF SPANISH ASTROPHYSICS.



- 95** **Title of the work:** Spatial and kinematics structure of the solar neighbourhood
Name of the conference: IV Scientific Meeting of the Spanish Astronomical Society
Type of event: Conference **Geographical area:** Non EU International
City of event: Santiago de Compostela, Galicia, Spain
Date of event: 2000
Organising entity: Spanish Astronomical Society (SEA)
Elías-Schliserman, F.; Cabrera-Caño, J.; Alfaro, E. J. En: HIGHLIGHTS OF SPANISH ASTROPHYSICS II. PROCEEDINGS OF THE 4TH SCIENTIFIC MEETING OF THE SPANISH ASTRONOMICAL SOCIETY. pp. 169 - 170. Edited by Jaime Zamorano, Javier Gorgas, and Jesus Gallego,
- 96** **Title of the work:** Structure in the velocity space of globular clusters
Name of the conference: Galaxy disk and disk galaxies
Type of event: Conference **Geographical area:** Non EU International
City of event: Roma, Italy
Date of event: 2000
Organising entity: ASP
Alfaro., E. J.; Delgado, A. J.; Gómez-Flechoso, M.A.; Ferrini, F. En: ASP CONFERENCE SERIES. 230, pp. 45 - 46. Edited by José G. Funes, S. J. and Enrico Maria Corsini, ISBN 1-58381-063-3
- 97** **Title of the work:** Kinematics of Gould-S belt: model and observations
Name of the conference: Journées d'études comparatives franco- hispano- italiennes
Type of event: Workshop
Type of participation: Participatory - oral communication
City of event: Torremolinos, Valencian Community, Spain
Date of event: 12/12/1999
End date: 12/12/1999
Type of contribution: Scientific paper
1999.
- 98** **Title of the work:** Recent photometric and spectroscopic results of Cepheid variables
Name of the conference: Journées d'études comparatives franco- hispano- italiennes
Type of event: Workshop
Type of participation: Participatory - oral communication
City of event: Torremolinos, Valencian Community, Spain
Date of event: 12/12/1999
End date: 12/12/1999
Type of contribution: Scientific paper
1999.
- 99** **Title of the work:** Separation between Gould belt and disk stars in the solar neighbourhood
Name of the conference: Journées d'études comparatives franco- hispano- italiennes
Type of event: Workshop
Type of participation: Participatory - oral communication
City of event: Torremolinos, Valencian Community, Spain
Date of event: 12/12/1999
End date: 12/12/1999
Type of contribution: Scientific paper
1999.



- 100** **Title of the work:** Spectroscopic study of the Cygnus superbubble
Name of the conference: Journées d'études comparatives franco- hispano- italiannes
Type of event: Workshop
Type of participation: Participatory - oral communication
City of event: Torremolinos, Valencian Community, Spain
Date of event: 12/12/1999
End date: 12/12/1999
Type of contribution: Scientific paper
1999.
- 101** **Title of the work:** Discovery of new be stars in the galactic open cluster NGC7128
Name of the conference: The be phenomenon in early-type stars
Type of event: Conference **Geographical area:** Non EU International
City of event: Alicante, Valencian Community, Spain
Date of event: 1999
Organising entity: IAU Colloquium 175
Type of contribution: Scientific paper
Balog, Z.; et al. including; Alfaro, E. J.En: ASP CONFERENCE SERIES. 214, pp. 67. Edited by Myron A. Smith and Huib F. Henrichs, 2000.
- 102** **Title of the work:** Ground-based observations of short- and medium-period variables discovered by the Hipparcos satellite
Name of the conference: The impact of large-scale surveys on pulsating star research
Type of event: Conference **Geographical area:** Non EU International
City of event: Budapest, Bulgaria
Date of event: 1999
Organising entity: IAU Colloquium 176
Kiss, L.L.; Csák, B.; Alfaro, E. J.; Vinkó, J.En: ASP CONFERENCE SERIES. 203, pp. 277 - 278. Edited by L. Szabados and D. Kurtz,
- 103** **Title of the work:** On the spatial distribution of galactic Wolf-Rayet stars
Name of the conference: Wolf-Rayet phenomena in massive stars and starburst galaxies
Type of event: Conference **Geographical area:** Non EU International
City of event: Puerto Vallarta, Mexico
Date of event: 1999
Organising entity: IAU Symposium
Alfaro, E. J. et al.En: PROCEEDINGS OF THE 193RD SYMPOSIUM OF THE INTERNATIONAL ASTRONOMICAL UNION. 193, pp. 56. Edited by Karel A. van der Hucht, Gloria Koenigsberger, and Philippe R. J. Eenens. San Francisco,
- 104** **Title of the work:** Recent photometric and spectroscopic results of Cepheid variables
Name of the conference: Stellar structure: theory and test of connective energy transport
Type of event: Conference **Geographical area:** Non EU International
City of event: Granada, Andalusia, Spain
Date of event: 1998
Kiss, L. L.; et al. including; Alfaro, E. J.En: ASP CONFERENCE SERIES. 173, pp. 349. Edited by Alvaro Gimenez, Edward F. Guinan, and Benjamin Montesinos.,
- 105** **Title of the work:** Low-resolution spectroscopy of RR Lyrae stars in the Hipparcos input catalogue
Name of the conference: ESA Symposium Hipparcos-Venice 97
Type of event: Conference **Geographical area:** Non EU International



City of event: Venecia, Italy

Date of event: 1997

Organising entity: ESA Symposium

Martinez-Delgado, D.; Alfaro, E. J.En: PROCEEDINGS OF THE ESA SYMPOSIUM HIPPARCOS-VENICE 97. 420, pp. 453 - 456.

106 Title of the work: On the nature of the vertical structure of the galactic disc

Name of the conference: VIII Latin American regional IAU meeting

Type of event: Conference

Geographical area: Non EU International

Type of participation: Participatory - invited/keynote talk

City of event: Montevideo, Uruguay

Date of event: 1995

Organising entity: IAU

Alfaro, E. J.; Efremov, Y. N.En: REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA SERIE DE CONFERENCIAS. 4, pp. 1.

107 Title of the work: Asymmetry in the vertical distribution of giant molecular clouds in the Carina arm

Name of the conference: Violent star formation: from 30 Doradus to QSOs

Type of event: Conference

Geographical area: Non EU International

City of event: Puerto Naos, Canary Islands, Spain

Date of event: 1994

Alfaro, E. J.; Cabrera-Caño, J.; Delgado, A. J.En: PROCEEDINGS OF THE FIRST IAC-RGO MEETING. pp. 77.

108 Title of the work: Detection of an age gradient along the Z-axis in a star-formation region

Name of the conference: Violent star formation: from 30 Doradus to QSOs

Type of event: Conference

Geographical area: Non EU International

City of event: Puerto Naos, Canary Islands, Spain

Date of event: 1994

Alfaro, E. J.; Franco, J.; Moreno, E.; Cabrera-Caño, J.En: PROCEEDINGS OF THE FIRST IAC-RGO MEETING. pp. 77.

109 Title of the work: Kinematics and metallicity of the galactic globular cluster system

Name of the conference: The formation of the Milky Way

Type of event: Conference

Geographical area: Non EU International

City of event: Granada, Andalusia, Spain

Date of event: 1994

Alfaro, E. J.; Cabrera-Caño, J.; Delgado, A. J.; Janes, K. A.En: IAA-IAC-UNIVERSITY OF PISA WORKSHOP. pp. 261 - 266.

110 Title of the work: Monitoring the X-ray sources in the bulge of M31

Name of the conference: American Astronomical Society meeting

Type of event: Conference

Geographical area: Non EU International

City of event: Washington, United States of America

Date of event: 1994

Primini, F. A.; et al. including; Alfaro, E. J.En: BULLETIN OF THE AMERICAN ASTRONOMICAL SOCIETY. 26, pp. 1485.

111 Title of the work: Radial velocities of nearby RR Lyrae stars

Name of the conference: The formation of the Milky Way

Type of event: Conference

Geographical area: Non EU International



City of event: Granada, Andalusia, Spain

Date of event: 1994

Martinez-Delgado, D.; Alfaro, E. J.; Herrero, A. En: IAA-IAC-UNIVERSITY OF PISA WORKSHOP. pp. 295 - 296.

- 112** **Title of the work:** A metallicity map of the galactic halo: is there A Z-abundance gradient?
Name of the conference: The globular clusters-galaxy connection
Type of event: Conference **Geographical area:** Non EU International
City of event: Santa Cruz, United States of America
Date of event: 1993
Organising entity: ASP
Alfaro, E. J.; Cabrera-Caño, J.; Delgado, A. J. En: ASP CONFERENCE SERIES. 48, pp. 314. Edited by Graeme H. Smith, and Jean P. Brodie, ISBN 0-937707-67-8
- 113** **Title of the work:** CCD UVBY observations of old open clusters
Name of the conference: Poster papers on stellar photometry
Type of event: Conference **Geographical area:** Non EU International
City of event: Dublin, Ireland
Date of event: 1993
Organising entity: IAU Colloquium 136
Delgado, A. J.; Alfaro, E. J.; Cabrera-Caño, J.; Janes, K. A. En: POSTER PROCEEDINGS OF THE IAU COLLOQUIUM 136.
- 114** **Title of the work:** Vertical structure and large-scale star formation in the galaxy
Name of the conference: Star formation, galaxies and the interstellar medium
Type of event: Conference **Geographical area:** Non EU International
City of event: Isla de Elba, Italy
Date of event: 1993
Alfaro, E. J.; Cabrera-Caño, J.; Delgado, J. En: PROCEEDINGS OF THE 4TH EIPC ASTROPHYSICAL WORKSHOP. pp. 364. Edited by J. Franco, F. Ferrini,
- 115** **Title of the work:** Three dimensional picture of the galactic disk as defined by the young stellar component
Name of the conference: The stellar populations of galaxies
Type of event: Conference **Geographical area:** Non EU International
City of event: Angra dos Reis, Brazil
Date of event: 1992
Organising entity: IAU Symposium
Alfaro, E. J.; Cabrera-Caño, J.; Delgado, A. J. En: PROCEEDINGS OF THE 149TH SYMPOSIUM OF THE INTERNATIONAL ASTRONOMICAL UNION. 149, pp. 386. Edited by Beatriz Barbuy and Alvio Renzini,
- 116** **Title of the work:** Height pattern of the formation places of open clusters
Name of the conference: SYMPOSIUM On the formation and evolution of star clusters as part of the 102
Type of event: Conference **Geographical area:** Non EU International
City of event: Boston, United States of America
Date of event: 1991
Alfaro, E. J.; Cabrera-Caño, J.; Delgado, A. J. En: Summer Scientific Meeting of the Astronomical Society of the Pacific. 13, pp. 133 - 135.
- 117** **Title of the work:** Reddening effects on the calibration of Stromgren photometric indices
Name of the conference: SYMPOSIUM On the formation and evolution of star clusters as part of the 102
Type of event: Conference **Geographical area:** Non EU International



City of event: Boston, United States of America

Date of event: 1991

Delgado, A. J.; Alfaro, E. J.En: Summer Scientific Meeting of the Astronomical Society of the Pacific. 13, pp. 145 - 147.

- 118 Title of the work:** Stromgren photometry of reddened B-type stars
Name of the conference: Precision photometry: astrophysics of the galaxy
Type of event: Conference **Geographical area:** Non EU International
City of event: Schenectady, United States of America
Date of event: 1991
Delgado, A. J.; Alfaro, E. J.En: PROCEEDINGS OF THE CONFERENCE PRECISION PHOTOMETRY: ASTROPHYSICS OF THE GALAXY. pp. 163. Edited by A.G.D. Philip, A.R. Uppgren and K.A. Janes. Schenectady, NY: Davis Press,
- 119 Title of the work:** Fotometria CCD en las bandas UBVR del cúmulo IC1311: resultados preliminares
Name of the conference: Asamblea nacional de astronomía y astrofísica
Type of event: Conference **Geographical area:** National
City of event: Madrid, Spain
Date of event: 1990
Alfaro, E. J. et al.En: Bol. Astron. Obs. Madr.. 12 - 3, pp. 173 - 175.
- 120 Title of the work:** La calibración fotométrica en el sistema UBVY de Stromgren. Las influencias del enrojecimiento interestelar
Name of the conference: Asamblea nacional de astronomía y astrofísica
Type of event: Conference **Geographical area:** National
City of event: Madrid, Spain
Date of event: 1990
Delgado, A. J.; Alfaro, E. J.En: Bol. Astron. Obs. Madr.. 12 - 3, pp. 176 - 180.
- 121 Title of the work:** ¿Existen realmente los cumulos estelares? Problemas de pertenencia en cumulos abiertos
Name of the conference: Asamblea nacional de astronomía y astrofísica
Type of event: Conference **Geographical area:** National
City of event: Madrid, Spain
Date of event: 1990
Alfaro, E. J.; Cabrera-Caño, J.En: Bol. Astron. Obs. Madr.. 12 - 3, pp. 54 - 57.
- 122 Title of the work:** Beta Cephei stars in open clusters as metallicity indicators
Name of the conference: XI Eram de la IAU: new windows to the universe
City of event: Tenerife, Canary Islands, Spain
Date of event: 03/07/1989
End date: 08/07/1989
Organising entity: International Astronomical Union (IAU)
- 123 Title of the work:** The Milky Way disk warp
Name of the conference: Structure and dynamics of the interstellar medium
Type of event: Conference **Geographical area:** Non EU International
City of event: Granada, Andalusia, Spain
Date of event: 1989
Florida, E.; Battaner, E.; Alfaro, E. J.; Sanchez-Saavedra, M. L.En: Lecture Notes on Physics. 350, pp. 537.



- 124** **Title of the work:** El sistema binario eclipsante y pulsante 16 Lacertae16 LACERTAE
Name of the conference: IV Asamblea nacional de astronomía y astrofísica
Type of event: Conference **Geographical area:** National
Type of participation: Participatory - oral communication
City of event: Santiago de Compostela, Galicia, Spain
Date of event: 06/06/1983
End date: 11/06/1983
Type of contribution: Scientific paper
1983.
- 125** **Title of the work:** Determining the radius of an open cluster from stellar proper motions
Type of contribution: Scientific book or monograph
N. Sanchez; E. Alfaro; F. López-Martínez. "Highlights on Spanish Astrophysics X". pp. 433 - 433. 2019.

Other dissemination activities

- 1** **Title of the work:** El mapa del cielo: el mapa del todo
Type of event: Conferences given
Date of event: 19/05/2021
Organising entity: Manuel de Falla
- 2** **Title of the work:** Formación Estelar -- QUADRIVIUM Conference Cycle
Type of event: Conferences given
Date of event: 05/05/2021
Organising entity: Universidad de Granada **Type of entity:** University
- 3** **Title of the work:** Un paseo de 30 minutos por la Vía Láctea
Type of event: Conferences given
Date of event: 21/12/2020
Organising entity: Estación Experimental del Zaidín **Type of entity:** State agency
- 4** **Title of the work:** 75 Aniversario del CSIC
Type of event: Conferences given
Date of event: 28/11/2015
Organising entity: Consejo Superior de Investigaciones Científicas **Type of entity:** State agency
- 5** **Title of the work:** Cartografiando lo imposible-Deconstruyendo La Luz
Type of event: Película documental
Date of event: 13/01/2015
Organising entity: Instituto de Astrofísica de Andalucía **Type of entity:** State agency
"<https://vimeo.com/114646777>".
- 6** **Title of the work:** La investigación astronómica y sus protagonistas: ¿qué es un proyecto de investigación?
Name of the event: Cine Científico: Jornadas de investigación en Astronomía
City of event: Úbeda (Jaen), Andalusia, Spain
Date of event: 13/05/2014
Organising entity: Fundación Descubre



- 7** **Title of the work:** La investigación astronómica y sus protagonistas: ¿qué es un proyecto de investigación?
Name of the event: Cine Científico: Jornadas de Ciencia para todos
City of event: Algeciras (Cádiz), Andalusia, Spain
Date of event: 23/04/2014
Organising entity: Fundación Descubre
- 8** **Title of the work:** Café con Ciencia
Name of the event: Café con Ciencia
Type of event: Conferences given
City of event: Guadix (Granada), Andalusia, Spain
Date of event: 26/02/2014
Organising entity: I.E.S. ACCI **Type of entity:** Instituto de Educación Secundaria
- 9** **Title of the work:** Módulo II. Formación de Estrellas, Cúmulos y Galaxias
Name of the event: El Universo: del Big-Bang a la Vida
Reasons for participation: Upon invitation
City of event: Baza (Granada), Andalusia, Spain
Date of event: 01/2014
Organising entity: Aula Permanente de Formación Abierta
- 10** **Title of the work:** Así mira Granada al espacio a través de Gaia
Name of the event: Entrevista
Type of event: Media interviews
City of event: Granada, Andalusia, Spain
Date of event: 26/12/2013
Organising entity: Radio Granada - Cadena SER
Available on-line at:
<<http://www.radiogranada.es/2013/12/26/video-asi-mira-granada-al-espacio-a-traves-de-gaia/>>.
- 11** **Title of the work:** Gaia nos dará la mejor regla para medir el Universo que jamás hayamos tenido
Type of event: Media interviews
City of event: Granada, Andalusia, Spain
Date of event: 19/12/2013
Organising entity: Fundación Andaluza para la Divulgación de la Innovación y el Conocimiento (DesQbre)
Available on-line at: <<http://fundaciondescubre.es/blog/2013/12/19/emilio-j-alfaro-gaia-nos-dara-la-mejor-regla-para-medir-el-universo-que-jamas-hayamos-tenido/>>.
- 12** **Title of the work:** La medida del universo: la misión Gaia
Name of the event: Ciclo de Conferencias Lucas Lara
Type of event: Conferences given
Reasons for participation: Upon invitation
City of event: Granada, Andalusia, Spain
Date of event: 19/12/2013
Organising entity: Instituto de Astrofísica de Andalucía **Type of entity:** State agency
City organizing entity: Granada, Andalusia, Spain
Emilio J. Alfaro Navarro.



- 13** **Title of the work:** Despega la misión Gaia, que proporcionará el primer mapa en tres dimensiones de la Vía Láctea
Name of the event: Nota de prensa
Type of event: Media interviews
City of event: Granada, Andalusia, Spain
Date of event: 18/12/2013
Organising entity: Instituto de Astrofísica de Andalucía
Type of entity: State agency
City organizing entity: Granada, Andalusia, Spain
"Despega la misión Gaia, que proporcionará el primer mapa en tres dimensiones de la Vía Láctea".
Available on-line at: <<http://www.iaa.es/content/despega-la-misi%C3%B3n-gaia-que-proporcionar%C3%A1-el-primer-mapa-en-tres-dimensiones-de-la-v%C3%ADa-l%C3%A1ctea>>.
- 14** **Title of the work:** Emilio Alfaro, ciencia que mira a las estrellas para comprender el universo
Name of the event: Espacio "Con luz propia... En la Ciencia..."
Type of event: Media interviews
Reasons for participation: Upon invitation
City of event: Granada, Andalusia, Spain
Date of event: 14/10/2013
Organising entity: Historias de Luz
Type of entity: Agencia de noticias audiovisuales
Available on-line at: <<http://www.historiasdeluz.es/con-luz-propia/en-la-ciencia/1631-noticias-andalucia-granada-emilio-alfaro-astronomia-gaia.html>>.
- 15** **Title of the work:** Un paseo por la Vía Láctea
Name of the event: Semana de la Ciencia 2012
Type of event: Conferences given
City of event: Córdoba, Andalusia, Spain
Date of event: 05/11/2012
Organising entity: Instituto de Agricultura Sostenible
Available on-line at: <<http://www.ias.csic.es/divulgacion/semanadelaciencia-programacion2012/>>.
- 16** **Title of the work:** ¿Qué es Ciencia?
Name of the event: Programa "Con Ciencia"
Type of event: Media interviews
City of event: Granada, Andalusia, Spain
Date of event: 28/10/2012
Organising entity: Canal Sur Televisión
Available on-line at: <<http://www.canalsuralacarta.es/television/video/paliar-la-erosion--microorganismos-%E2%80%98verdes%E2%80%99--vista-al-universo/31861/265>>.
- 17** **Title of the work:** El Grantecan es una joya tecnológica, la administración no puede tirarlo a la basura
Type of event: Media interviews
Date of event: 21/07/2012
Organising entity: La provincia - Diario de Las Palmas
- 18** **Title of the work:** Los astrónomos sabemos ser pobres pero no miserables
Type of event: Media interviews
Date of event: 16/07/2012
Organising entity: Diario de Mallorca



- 19** **Title of the work:** Los astrónomos hemos nacido de la nada y sabemos ser pobres pero no miserables
Type of event: Media interviews
City of event: Valencia, Valencian Community, Spain
Date of event: 13/07/2012
Organising entity: El levante - El mercantil valenciano
- 20** **Title of the work:** Los astrónomos sabemos ser pobres pero no miserables
Type of event: Media interviews
Date of event: 13/07/2012
Organising entity: La opinión de la Coruña
- 21** **Title of the work:** Anhelando el cielo pero con los pies en la tierra
Name of the event: Entrevista
Type of event: Media interviews
Reasons for participation: Upon invitation
City of event: Valencia, Valencian Community, Spain
Date of event: 11/07/2012
Organising entity: 360 Grados Press
Available on-line at:
<http://360gradospress.com/not/103903/anhelando_el_cielo__pero_con_los_pies_en_la_tierra/>.
- 22** **Title of the work:** ¿Cómo se forma una estrella?
Type of event: Conferences given
City of event: Valencia, Valencian Community, Spain
Date of event: 11/07/2012
Organising entity: Ciudad de las Artes y de las Ciencias de Valencia
Available on-line at: <<http://ealfaro.iaa.es/content/el-ciclo-astronom%C3%ADa-en-la-ciudad-de-las-artes-y-las-ciencias-de-valencia-se-cierra-con-la-fo>>.
- 23** **Title of the work:** En dos años se cargarán lo que hemos avanzado en 30
Type of event: Media interviews
City of event: Valencia, Valencian Community, Spain
Date of event: 10/07/2012
Organising entity: El levante - El mercantil valenciano
- 24** **Title of the work:** Lo que siempre quisiste saber sobre...las estrellas
Name of the event: Astronomía en la Ciudad de las Artes y las Ciencias
Type of event: Media interviews
Reasons for participation: Upon invitation
City of event: Valencia, Valencian Community, Spain
Date of event: 06/07/2012
Organising entity: Ciudad de las Artes y de las Ciencias de Valencia
Available on-line at: <<http://www.cac.es/prensa/noticia/?contentId=122071>>.
- 25** **Title of the work:** Emilio Alfaro, la ciencia de mirar al cielo
Type of event: Media interviews
City of event: Sevilla, Andalusia, Spain
Date of event: 10/04/2012
Organising entity: Casa de la Ciencia de Sevilla
Available on-line at: <<http://www.casadelaciencia.csic.es/pages/emilioalfaro.php>>.



- 26** **Title of the work:** La formación de la Vía Láctea
Type of event: Conferences given
City of event: Armilla, Andalusia, Spain
Date of event: 03/2012
Organising entity: I.E.S. Luis Bueno Crespo **Type of entity:** Instituto de Enseñanza Secundaria
- 27** **Title of the work:** Astronomía y Literatura
Name of the event: Coloquio
Type of event: Coloquio
City of event: Sevilla, Andalusia, Spain
Date of event: 16/02/2012
Organising entity: La Casa de la Ciencia - CSIC
- 28** **Title of the work:** M.Científicos y ayuntamientos apoyan la campaña de la Junta para una iluminación navideña sostenible
Type of event: Media interviews
Date of event: 26/12/2011
Organising entity: LaInformacion.com
Available on-line at: <http://noticias.lainformacion.com/economia-negocios-y-finanzas/economia-general/m-cientificos-y-ayuntamientos-apoyan-la-campana-de-la-junta-para-una-iluminacion-navidena-sostenible_Bu6QqKXCAVY1f3imGenN27/>.
- 29** **Title of the work:** ¿Se liga más con la Astronomía?
Type of event: Conferences given
City of event: Granada, Andalusia, Spain
Date of event: 15/11/2011
Organising entity: Cafe con Ciencia - Guadalinfo
- 30** **Title of the work:** Formación Estelar: una jerarquía de tamaños y edades
Type of event: Conferences given
City of event: Alicante, Valencian Community, Spain
Date of event: 10/2011
Organising entity: Universidad de Alicante **Type of entity:** University
- 31** **Title of the work:** Entrevista Emilio J Alfaro.- Proyecto PIIAS
Name of the event: Entrevista
Type of event: Media interviews
City of event: Granada, Andalusia, Spain
Date of event: 10/06/2011
Organising entity: Canal: La Otra Mirada
Available on-line at:
<http://www.ivoox.com/entrevista-emilio-j-alfaro-poryecto-piias-audios-mp3_rf_841700_1.html>.
- 32** **Title of the work:** Conclusiones del Congreso "Stellar Clusters & Associations: A RIA Workshop on Gaia"
Type of event: Media interviews
City of event: Granada, Andalusia, Spain
Date of event: 30/05/2011
Organising entity: Instituto de Astrofísica de Andalucía **Type of entity:** State agency
Available on-line at:
<http://www.youtube.com/watch?v=F0QaN0P319c&list=PLBDB7E6E9BDAE2752&index=16&feature=plpp_video>.



- 33** **Title of the work:** La formación de la Vía Láctea
Type of event: Conferences given
City of event: Baza, Andalusia, Spain
Date of event: 03/2011
Organising entity: Programa universitario para mayores en Baza
- 34** **Title of the work:** Formación estelar: Una cuestión de densidades
Name of the event: Ciclo de Conferencias Lucas Lara
Type of event: Conferences given
City of event: Granada, Andalusia, Spain
Date of event: 12/2010
Organising entity: Instituto de Astrofísica de Andalucía
Type of entity: State agency
Available on-line at: <<http://www-divulgacion.iaa.es/ciclo-lucas-lara-temporada-2010>>.
- 35** **Title of the work:** La Vía Láctea
Type of event: Conferences given
City of event: Valencia, Valencian Community, Spain
Date of event: 11/2010
Organising entity: Ciudad de las Artes y las Ciencias de Valencia
- 36** **Title of the work:** Austerity measures sap Spanish science
Type of event: Media interviews
Date of event: 07/10/2010
Organising entity: NATURE
Available on-line at: <<http://www.nature.com/news/2010/101007/full/news.2010.520.html>>.
- 37** **Title of the work:** Estrellas y Planetas
Type of event: Conferences given
City of event: Granada, Andalusia, Spain
Date of event: 04/2010
Organising entity: I.E.S. Severo Ochoa
Type of entity: Instituto de Educación Secundaria
- 38** **Title of the work:** ¿Qué es ser científico? ¿Cómo hacerse científico?
Type of event: Conferences given
City of event: Granada, Andalusia, Spain
Date of event: 04/2010
Organising entity: Colegio Dulce Nombre de María - Los Escolapios
- 39** **Title of the work:** Darwin, la Astronomía y los astrónomos
Type of event: Conferences given
City of event: Sevilla, Andalusia, Spain
Date of event: 03/2010
Organising entity: Universidad de Sevilla
Type of entity: University
- 40** **Title of the work:** Darwin, la Astronomía y los astrónomos
Type of event: Conferences given
City of event: Monzón, Aragon, Spain
Date of event: 03/2010
Organising entity: V Maratón Messier Ciudad de Monzón



- 41** **Title of the work:** La Sociedad Española de Astronomía entra en las aulas del instituto pradense Carlos III
Type of event: Noticia en prensa
City of event: Cádiz, Community of Madrid, Spain
Date of event: 13/02/2010
Organising entity: Diario de Cádiz
Available on-line at: <<http://www.diariodecadiz.es/article/provincia/630106/la/sociedad/espanola/astronomia/entra/las/aulas/instituto/pradense/carlos/iii.html>>.
- 42** **Title of the work:** La formación de la Vía Láctea
Type of event: Conferences given
City of event: Prado del Rey, Cádiz, Andalusia, Spain
Date of event: 02/2010
Organising entity: I.E.S. Carlos III **Type of entity:** Instituto de Educación Secundaria
- 43** **Title of the work:** Todo lo que ha dado de sí el año de la Astronomía
Type of event: Media interviews
Date of event: 10/12/2009
Organising entity: Diario El País, S.L. **Type of entity:** Business
- 44** **Title of the work:** Creacionismo, catastrofismo y transformismo en Astrofísica
Name of the event: Ciclo de Conferencias Lucas Lara
Type of event: Conferences given
City of event: Granada, Andalusia, Spain
Date of event: 29/10/2009
Organising entity: Instituto de Astrofísica de Andalucía **Type of entity:** State agency
Available on-line at: <<http://www-divulgacion.iaa.es/ciclo-lucas-lara-temporada-2009>>.
- 45** **Title of the work:** La formación de la Vía Láctea
Type of event: Conferences given
City of event: Girona, Catalonia, Spain
Date of event: 10/2009
Organising entity: Universitat de Girona **Type of entity:** University
- 46** **Title of the work:** La formación de la Vía Láctea
Type of event: Conferences given
City of event: Madrid, Community of Madrid, Spain
Date of event: 10/2009
Organising entity: Consejo Superior de Investigaciones Científicas
- 47** **Title of the work:** Creacionismo, catastrofismo y transformismo en Astrofísica
Type of event: Conferences given
City of event: Oviedo, Principality of Asturias, Spain
Date of event: 09/2009
Organising entity: Maratón Científico - Cajastur
- 48** **Title of the work:** ¿Qué hacen los astrónomos?
Type of event: Conferences given
City of event: Barcelona, Catalonia, Spain
Date of event: 08/2009



Organising entity: Observatori Fabra.Reial Acadèmia de Ciències i Arts de Barcelona

Type of entity: Innovation and Technology Centres

49 Title of the work: El telescopio

Type of event: Curso

City of event: Cádiz, Andalusia, Spain

Date of event: 07/2009

Organising entity: Universidad de Cádiz

Type of entity: University

50 Title of the work: Pregúntale a los astros

Type of event: Media interviews

City of event: Granada, Andalusia, Spain

Date of event: 05/05/2009

Organising entity: Diario IDEAL de Granada

City organizing entity: Granada, Andalusia, Spain

Available on-line at: <<http://ealfaro.iaa.es/sites/ealfaro.iaa.es/files/Preguntale-a-los-astros.pdf>>.

51 Title of the work: La formación de la Vía Láctea

Type of event: Curso

City of event: Granada, Andalusia, Spain

Date of event: 05/2009

Organising entity: Universidad de Granada

Type of entity: University

52 Title of the work: ¿Qué hacen los astrónomos?

Type of event: Conferences given

City of event: Santander, Cantabria, Spain

Date of event: 05/2009

Organising entity: Universidad de Santander

53 Title of the work: Hacia dónde va el Universo

Type of event: Media interviews

City of event: Granada, Andalusia, Spain

Date of event: 27/04/2009

Organising entity: Diario IDEAL de Almería

City organizing entity: Almería, Andalusia, Spain

Available on-line at:

<<http://www.ideal.es/almeria/20090427/sociedad/hacia-donde-universo-20090427.html>>.

54 Title of the work: La formación de la Vía Láctea

Type of event: Conferences given

City of event: Granada, Andalusia, Spain

Date of event: 04/2009

Organising entity: Universidad de Granada

Type of entity: University

55 Title of the work: La formación de la Vía Láctea

Type of event: Conferences given

City of event: Castellón de la Plana, Valencian Community, Spain

Date of event: 04/2009

Organising entity: Planetario de Castellón



- 56** **Title of the work:** La formación de la Vía Láctea
Type of event: Conferences given
City of event: San Fernando, Cádiz, Andalusia, Spain
Date of event: 04/2009
Organising entity: Real Academia de San Romualdo de Ciencias Letras y Artes de San Fernando
- 57** **Title of the work:** ¿Qué hacen los astrónomos?
Type of event: Conferences given
City of event: Granada, Andalusia, Spain
Date of event: 04/2009
Organising entity: Instituto de Astrofísica de Andalucía
Type of entity: State agency
- 58** **Title of the work:** Viaje cultural y científico a la Vía Láctea
Name of the event: Noticia
Type of event: Noticia
City of event: Málaga, Andalusia, Spain
Date of event: 26/03/2009
Organising entity: Canal Innovación - Sur.es
Available on-line at: <<http://servicios.diariosur.es/tecno/noticias/noticia1830.htm>>.
- 59** **Title of the work:** Cafeïna: Emilio Alfaro i Josep Mallol
Type of event: Media interviews
City of event: Lleida, Catalonia, Spain
Date of event: 17/03/2009
Organising entity: Lleida TV
Available on-line at:
<<http://cafeinatvlleida.blogspot.com.es/2009/03/170309-emilio-alfaro-i-josep-mallol.html>>.
- 60** **Title of the work:** La formación de la Vía Láctea
Type of event: Conferences given
City of event: Málaga, Andalusia, Spain
Date of event: 03/2009
Organising entity: Universidad de Málaga
Type of entity: University
- 61** **Title of the work:** ¿Por qué miramos las estrellas?
Type of event: Conferences given
City of event: Almería, Andalusia, Spain
Date of event: 03/2009
Organising entity: Colegio María de la Luz de Almería
- 62** **Title of the work:** ¿Qué hacen los astrónomos?
Type of event: Conferences given
City of event: Lleida, Catalonia, Spain
Date of event: 03/2009
Organising entity: Institut d'Estudis Ilerdencs
Type of entity: instituto
- 63** **Title of the work:** ¿Qué hacen los astrónomos?
Type of event: Conferences given
City of event: Almería, Andalusia, Spain
Date of event: 03/2009



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CURRÍCULUM VITAE NORMALIZADO

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Organising entity: Museo de Almería

- 64** **Title of the work:** La astronomía española produce casi el 10% de los artículos astronómicos mundiales
Type of event: Media interviews
City of event: Granada, Andalusia, Spain
Date of event: 02/02/2009
Organising entity: Servicio de Información y Noticias Científicas (SINC)
Available on-line at: <<http://www.agenciasinc.es/Entrevistas/La-astronomia-espanola-produce-casi-el-10-de-los-articulos-astronomicos-mundiales>>.
- 65** **Title of the work:** El telescopio
Name of the event: Ciclo de Conferencias Lucas Lara
Type of event: Conferences given
City of event: Granada, Andalusia, Spain
Date of event: 30/10/2008
Organising entity: Instituto de Astrofísica de Andalucía
Type of entity: State agency
Available on-line at: <<http://www.divulgacion.iaa.es/ciclo-lucas-lara-temporada-2008>>.
- 66** **Title of the work:** Bailando con números
Name of the event: Ciclo de Conferencias Lucas Lara
Type of event: Conferences given
City of event: Granada, Andalusia, Spain
Date of event: 21/12/2006
Organising entity: Instituto de Astrofísica de Andalucía
Type of entity: State agency
Available on-line at: <<http://www.divulgacion.iaa.es/ciclo-lucas-lara-temporada-2006>>.
- 67** **Title of the work:** ¿Qué hacen los astrónomos?
Type of event: Conferences given
City of event: Cholula, Mexico
Date of event: 11/2006
Organising entity: Museo de la Ciudad de Cholula
- 68** **Title of the work:** La formación del Universo
Type of event: Conferences given
City of event: Cádiz, Andalusia, Spain
Date of event: 04/2006
Organising entity: Facultad de Ciencias
- 69** **Title of the work:** ¿Qué hacen los astrónomos?
Name of the event: Ciclo de Conferencias Lucas Lara
Type of event: Conferences given
City of event: Granada, Andalusia, Spain
Date of event: 30/03/2006
Organising entity: Instituto de Astrofísica de Andalucía
Type of entity: State agency
Available on-line at: <<http://www.divulgacion.iaa.es/ciclo-lucas-lara-temporada-2006>>.



- 70** **Title of the work:** ¿Qué hacen los astrónomos?
Type of event: Conferences given
City of event: Cádiz, Andalusia, Spain
Date of event: 07/2005
Organising entity: VI Encuentro de Estudiantes de Matemáticas
- 71** **Title of the work:** ¿Qué hacen los astrónomos?
Type of event: Conferences given
City of event: Granada, Andalusia, Spain
Date of event: 06/2005
Organising entity: Colegio Sancho Panza de Granada
Type of entity: Colegio
- 72** **Title of the work:** La formación del Universo
Type of event: Conferences given
City of event: Granada, Andalusia, Spain
Date of event: 11/2004
Organising entity: Facultad de Filosofía y Letras
Type of entity: University Centres and Structures and Associated Bodies
- 73** **Title of the work:** La formación del Universo
Type of event: Conferences given
City of event: Cádiz, Andalusia, Spain
Date of event: 11/2004
Organising entity: Diputación de Cádiz
Type of entity: diputacion
- 74** **Title of the work:** La formación de la Vía Láctea
Type of event: Conferences given
City of event: Jerez de la Frontera, Andalusia, Spain
Date of event: 05/2004
Organising entity: Curso CEP
- 75** **Title of the work:** La formación de la Vía Láctea
Type of event: Conferences given
City of event: Teruel, Aragon, Spain
Date of event: 03/2004
Organising entity: Sociedad Astronómica de Teruel
- 76** **Title of the work:** La formación de la Vía Láctea
Type of event: Conferences given
City of event: Madrid, Community of Madrid, Spain
Date of event: 11/2003
Organising entity: Planetario de Madrid
Type of entity: Technological Centre
- 77** **Title of the work:** La formación de la Vía Láctea
Type of event: Conferences given
City of event: León, Castile and León, Spain
Date of event: 11/2003
Organising entity: Ciclo de conferencias CSIC-BBVA



- 78** **Title of the work:** La formación de la Vía Láctea
Type of event: Conferences given
City of event: Donostia, Basque Country, Spain
Date of event: 06/2003
Organising entity: Ciclo de conferencias CSIC-BBVA
- 79** **Title of the work:** La formación de la Vía Láctea
Type of event: Conferences given
City of event: Granada, Andalusia, Spain
Date of event: 05/2003
Organising entity: Agrupación de estudiantes de la Universidad de Granada
- 80** **Title of the work:** La formación de la Vía Láctea
Type of event: Conferences given
City of event: Oviedo, Principality of Asturias, Spain
Date of event: 10/2002
Organising entity: Ciclo de conferencias CSIC-BBVA
- 81** **Title of the work:** ¿Desde cuándo las galaxias son espirales?
Name of the event: Ciclo de Conferencias Lucas Lara
Type of event: Conferences given
City of event: Granada, Andalusia, Spain
Date of event: 25/04/2002
Organising entity: Instituto de Astrofísica de Andalucía
Type of entity: State agency
Available on-line at: <<http://www-divulgacion.iaa.es/ciclo-lucas-lara-temporada-2002>>.
- 82** **Title of the work:** La formación de la Vía Láctea
Type of event: Conferences given
City of event: Zaragoza, Aragon, Spain
Date of event: 04/2002
Organising entity: Ciclo de conferencias CSIC-BBVA
- 83** **Title of the work:** La formación de la Vía Láctea
Type of event: Conferences given
City of event: Cartagena, Region of Murcia, Spain
Date of event: 16/10/2001
Organising entity: Agrupación astronómica de Cartagena
- 84** **Title of the work:** La Vía Láctea: un paseo por el Camino de Santiago
Type of event: Conferences given
City of event: Yecla, Region of Murcia, Spain
Date of event: 05/04/2001
Organising entity: Universidad Popular de Yecla
- 85** **Title of the work:** La Astrofísica en el siglo XXI
Type of event: Mesa redonda
City of event: Barcelona, Catalonia, Spain
Date of event: 04/11/2000
Organising entity: Agrupación astronómica de Castelldefels



- 86** **Title of the work:** La Vía Láctea: un paseo por el Camino de Santiago
Type of event: Conferences given
City of event: Alicante, Valencian Community, Spain
Date of event: 16/10/2000
Organising entity: Círculo Cultural de la CAM
- 87** **Title of the work:** El Gould Belt
Type of event: Seminario
City of event: México, Mexico
Date of event: 10/08/2000
Organising entity: Universidad de Guanajuato
- 88** **Title of the work:** La Vía Láctea
Type of event: Curso de verano
City of event: Segovia, Castile and León, Spain
Date of event: 23/07/2000
Organising entity: Universidad SEK **Type of entity:** University
- 89** **Title of the work:** Una visita al Gould Belt
Type of event: Seminario
City of event: Granada, Andalusia, Spain
Date of event: 23/03/2000
Organising entity: Instituto de Astrofísica de Andalucía **Type of entity:** State agency
- 90** **Title of the work:** La formación de la Vía Láctea
Type of event: Curso para mayores
City of event: Motril, Andalusia, Spain
Date of event: 28/02/2000
Organising entity: Universidad de Granada **Type of entity:** University
- 91** **Title of the work:** La formación de la Vía Láctea
Type of event: Conferences given
City of event: Alicante, Valencian Community, Spain
Date of event: 27/05/1999
Organising entity: Universidad de Alicante **Type of entity:** University
- 92** **Title of the work:** La formación de la Vía Láctea
Name of the event: Ciclo de Conferencias Lucas Lara
Type of event: Conferences given
City of event: Granada, Andalusia, Spain
Date of event: 20/05/1999
Organising entity: Instituto de Astrofísica de Andalucía **Type of entity:** State agency
Available on-line at: <<http://www-divulgacion.iaa.es/ciclo-lucas-lara-temporada-1999>>.
- 93** **Title of the work:** Sub-estructuras en el espacio-fase de los cúmulos globulares
Type of event: Conferences given
City of event: Valencia, Valencian Community, Spain
Date of event: 20/10/1998
Organising entity: Universitat de València **Type of entity:** University



- 94** **Title of the work:** Galaxias: Ladrillos del Universo
Name of the event: Ciclo de Conferencias Lucas Lara
Type of event: Conferences given
City of event: Granada, Andalusia, Spain
Date of event: 09/05/1996
Organising entity: Instituto de Astrofísica de Andalucía
Type of entity: State agency
Available on-line at: <<http://www-divulgacion.iaa.es/ciclo-lucas-lara-temporada-1996>>.
- 95** **Title of the work:** Estructura de la metalicidad de la Galaxia: formación de la Vía Láctea
Type of event: Seminario
City of event: Granada, Andalusia, Spain
Date of event: 25/03/1993
Organising entity: Universidad de Granada
Type of entity: University
- 96** **Title of the work:** Estructura de la metalicidad de la Galaxia: formación de la Vía Láctea
Type of event: Seminario
City of event: Granada, Andalusia, Spain
Date of event: 17/03/1993
Organising entity: Instituto de Astrofísica de Andalucía
Type of entity: State agency
- 97** **Title of the work:** La rama horizontal
Type of event: Seminario
City of event: Granada, Andalusia, Spain
Date of event: 13/03/1993
Organising entity: Instituto de Astrofísica de Andalucía
Type of entity: State agency
- 98** **Title of the work:** Metallicity patterns in the Galaxy: clues to the formation of the Milky Way
Type of event: Seminario
City of event: Boston, United States of America
Date of event: 01/01/1993
Organising entity: Boston University
- 99** **Title of the work:** Estructura vertical del Disco Galáctico y formación estelar a gran escala
Type of event: Conferences given
City of event: México DF, Mexico
Date of event: 05/08/1992
Organising entity: Instituto de Astronomía UNAM
- 100** **Title of the work:** Vertical structure and large-scale star formation in the Galaxy
Type of event: Seminario
City of event: Boston, United States of America
Date of event: 21/05/1992
Organising entity: Boston University
Type of entity: University
- 101** **Title of the work:** Problemas de pertenencia en cúmulos: una aproximación no paramétrica
Type of event: Seminario
City of event: Villafranca del Castillo, Community of Madrid, Spain



Date of event: 26/06/1991

Organising entity: Laboratorio de Astrofísica Espacial y Física Fundamental

Type of entity: Public Research Body

R&D management and participation in scientific committees

Scientific, technical and/or assessment committees

- 1** **Committee title:** Scientific Committee of the "The World of Clusters" Congress
Geographical area: Non EU International
City affiliation entity: Padova, Italy
Start-End date: 23/09/2013 - 26/09/2013
- 2** **Committee title:** Scientific Committee of the "Setting the Scene for GAIA and LAMOST. IAU Symposium No. 298" Congress
Geographical area: Non EU International
Affiliation entity: International Astronomical Union (IAU)
City affiliation entity: Lijiang, China
Start-End date: 20/05/2013 - 24/05/2013
- 3** **Committee title:** Scientific Committee of the "Gaia: III Reunión Científica de la REG" Congress
Geographical area: National
Affiliation entity: Red Española para la explotación científica de Gaia (REG)
City affiliation entity: Sitges, Barcelona, Catalonia, Spain
Start-End date: 23/01/2013 - 25/01/2013
- 4** **Committee title:** Executive Committee of the project CONSOLIDER-INGENIO GTC
Affiliation entity: Instituto de Astrofísica de Canarias **Type of entity:** Public Research Body
Start-End date: 01/01/2006 - 31/12/2012
- 5** **Committee title:** Scientific Committee of the "European Week of Astronomy and Space Sciences 2012" congress
Geographical area: Non EU International
City affiliation entity: Roma, Italy
Start-End date: 01/07/2012 - 06/07/2012
- 6** **Committee title:** Scientific Committee of the "Gaia: II Reunión Científica de la REG" Congress
Geographical area: National
Affiliation entity: Red Española para la explotación científica de Gaia (REG)
City affiliation entity: Santillana de Mar, Santander, Basque Country, Spain
Start-End date: 19/09/2011 - 21/09/2011
- 7** **Committee title:** Scientific Committee of the "Stellar Clusters & Associations: a RIA workshop on Gaia" Congress
Geographical area: Non EU International
City affiliation entity: Granada, Andalusia, Spain
Start-End date: 23/05/2011 - 27/05/2011



- 8** **Committee title:** Scientific Committee of the "Gaia: Primera Reunión Científica de la REG" Congress
Affiliation entity: Red Española para la explotación científica de Gaia (REG)
City affiliation entity: ROA, San Fernando, Cádiz, Andalusia, Spain
Start-End date: 17/06/2010 - 18/06/2010
- 9** **Committee title:** Coordination Committee for the International Year of Astronomy 2009 in Spain
Affiliation entity: Instituto de Astrofísica de Andalucía
Type of entity: State agency
Start-End date: 01/01/2008 - 15/01/2010
- 10** **Committee title:** Scientific Committee of the "Colaboración Pro-Am en investigación astronómica" Congress
Geographical area: National
City affiliation entity: Córdoba, Andalusia, Spain
Start-End date: 20/11/2009 - 22/11/2009
- 11** **Committee title:** Scientific Committee of the Congress "Gaia: la galaxia en un pentabyte"
Geographical area: National
City affiliation entity: Menorca, Balearic Islands, Spain
Start-End date: 30/09/2009 - 02/10/2009
- 12** **Committee title:** Scientific Committee of "VIII Reunión Científica de la SEA"
Geographical area: National
Affiliation entity: Sociedad Española de Astronomía
City affiliation entity: Barcelona, Catalonia, Spain
Start-End date: 07/07/2008 - 11/07/2008
- 13** **Committee title:** Scientific Committee
Geographical area: National
Affiliation entity: Sociedad Española de Astronomía
City affiliation entity: Barcelona, Catalonia, Spain
Start-End date: 2003 - 2008
- 14** **Committee title:** Scientific Committee of "VII Reunión Científica de la SEA"
Geographical area: National
Affiliation entity: Sociedad Española de Astronomía
City affiliation entity: Santander, Cantabria, Spain
Start-End date: 12/09/2006 - 15/09/2006
- 15** **Committee title:** Scientific Committee of the "JENAM 2004: the many scales of the Universe" Congress
Geographical area: Non EU International
Affiliation entity: Instituto de Astrofísica de Andalucía
Type of entity: State agency
City affiliation entity: Granada, Andalusia, Spain
Start-End date: 13/09/2004 - 17/09/2004
- 16** **Committee title:** Scientific Committee of the "How does the Galaxy work? A galactic tertulia with Don Cox & Ron Reynolds" Congress
Geographical area: Non EU International
City affiliation entity: Granada, Andalusia, Spain
Start-End date: 23/06/2003 - 27/06/2003



- 17** **Committee title:** Scientific Committee of the "Structure and Evolution of Stellar Systems" Congress
Geographical area: Non EU International
City affiliation entity: Petrozavodsk, Russia
Start-End date: 13/08/1995 - 17/08/1995

Organization of R&D activities

- 1** **Title of the activity:** Stellar Clusters & Associations: a RIA workshop on Gaia
Type of activity: Congreso **Geographical area:** Non EU International
City convening entity: Granada, Andalusia, Spain
Type of participation: Chairman
Start-End date: 23/05/2011 - 27/05/2011
- 2** **Title of the activity:** JENAM 2004: the many scales of the Universe
Type of activity: Congreso **Geographical area:** Non EU International
City convening entity: Granada, Andalusia, Spain
Type of participation: Organiser
Start-End date: 13/09/2004 - 17/09/2004
- 3** **Title of the activity:** How does the Galaxy work? A galactic tertulia with Don Cox & Ron Reynolds
Type of activity: Congreso **Geographical area:** Non EU International
City convening entity: Granada, Andalusia, Spain
Type of participation: Organiser
Start-End date: 23/06/2003 - 27/06/2003
- 4** **Title of the activity:** The Formation of the Milky Way
Type of activity: Congreso **Geographical area:** Non EU International
City convening entity: Granada, Andalusia, Spain
Type of participation: Chairman
Start-End date: 04/09/1994 - 09/09/1994

R&D management

- 1** **Name of the activity:** Radioastronomy and Galactic Structure department
Performed tasks: Head of Department
City of entity: Granada, Andalusia, Spain
Entity: Instituto de Astrofísica de Andalucía **Type of entity:** State agency
Start date: 2011
- 2** **Name of the activity:** Institute Board
Performed tasks: Member
City of entity: Granada, Andalusia, Spain
Entity: Instituto de Astrofísica de Andalucía **Type of entity:** State agency
Start date: 2011
- 3** **Name of the activity:** Radioastronomy and Galactic Structure department
Performed tasks: Head of Department
City of entity: Granada, Andalusia, Spain
Entity: Instituto de Astrofísica de Andalucía **Type of entity:** State agency



Start date: 1999

Duration: 5 years

4 Name of the activity: Institute Board
Performed tasks: Member
City of entity: Granada, Andalusia, Spain
Entity: Instituto de Astrofísica de Andalucía
Start date: 1999

Type of entity: State agency
Duration: 5 years

5 Name of the activity: Governing Board of the Faculty of Sciences
Performed tasks: Non-numerary staff representative
City of entity: Cádiz, Andalusia, Spain
Entity: Universidad de Cádiz
Start date: 1983

Type of entity: University
Duration: 5 years

Evaluation and revision of R&D projects and articles

1 Performed tasks: Observing Programmes Committee
Entity where activity was carried out: Observatorio de Roque de los Muchachos
City of entity: La Palma, Canary Islands, Spain
Start-End date: 2008 - 2010

2 Performed tasks: Observing Programmes Committee
Entity where activity was carried out: Observatorio de Calar Alto
City of entity: Almería, Andalusia, Spain
Start-End date: 2003 - 2005

3 Performed tasks: Observing Programmes Committee
Entity where activity was carried out: Observatorio de Calar Alto
City of entity: Almería, Andalusia, Spain
Start-End date: 1996 - 1998

4 Performed tasks: Observing Programmes Committee
Entity where activity was carried out: Observatorio de Roque de los Muchachos
City of entity: La Palma, Canary Islands, Spain
Start-End date: 1996 - 1998

5 Name of the activity: Journal Referee
Performed tasks: Referee
Entity where activity was carried out: NRIAG Journal of Astronomy and Geophysics
Type of activity: Review of articles in scientific or technological journals
Geographical area: Non EU International
Start date: 2012

6 Performed tasks: Editorial referee
Entity where activity was carried out: Cambridge University Press
Type of activity: Participation in editorial committees

7 Performed tasks: Observing Programmes Committee
Entity where activity was carried out: Observatorio El Leoncito
City of entity: Argentina



- 8** **Performed tasks:** Observing Programmes Committee
Entity where activity was carried out: Observatorio de San Pedro Martir
City of entity: Mexico
- 9** **Performed tasks:** Project evaluator
Entity where activity was carried out: INTAS
- 10** **Performed tasks:** Project evaluator
Entity where activity was carried out: NATO
- 11** **Performed tasks:** Project evaluator
Entity where activity was carried out: ANPCyT
City of entity: Argentina
- 12** **Performed tasks:** Project evaluator
Entity where activity was carried out: Agencia Autónoma de Madrid
City of entity: Madrid, Community of Madrid, Spain
- 13** **Performed tasks:** Referee
Entity where activity was carried out: Astronomy & Astrophysics
Type of activity: Review of articles in scientific or technological journals
- 14** **Performed tasks:** Referee
Entity where activity was carried out: Revista Mexicana de Astronomía y Astrofísica
Type of activity: Review of articles in scientific or technological journals
- 15** **Performed tasks:** Referee
Entity where activity was carried out: The Astrophysical Journal
Type of activity: Review of articles in scientific or technological journals

Other achievements

Stays in public or private R&D centres

- 1** **Entity:** Institute of Astronomy
City of entity: México DF, Mexico
Start-End date: 2000 - 2000 **Duration:** 2 months
Goals of the stay: Collaboration
- 2** **Entity:** Boston University
Faculty, institute or centre: Astronomy Department
City of entity: Boston, United States of America
Start-End date: 1992 - 1993 **Duration:** 1 year
Goals of the stay: Sabbatical

- 3** **Entity:** Institute of Astronomy
City of entity: Basilea, Switzerland
Start-End date: 1980 - 1980 **Duration:** 1 month
Goals of the stay: Intern
Identify key words: Galactic structure
- 4** **Entity:** Institute of Astronomy
City of entity: Basilea, Switzerland
Start-End date: 1979 - 1979 **Duration:** 1 month
Goals of the stay: Intern
Identify key words: Galactic structure
- 5** **Entity:** Institute of Astronomy
City of entity: Basilea, Switzerland
Start-End date: 1978 - 1978 **Duration:** 1 month
Goals of the stay: Intern
Identify key words: Galactic structure
- 6** **Entity:** Institute of Astronomy
City of entity: Basilea, Switzerland
Start-End date: 1977 - 1978 **Duration:** 3 months
Goals of the stay: Intern
Identify key words: Galactic structure

Scientific societies and professional associations

- 1** **Name of the society:** Sociedad Española de Astronomía (SEA)
Affiliation entity: Sociedad Española de Astronomía (SEA)
City affiliation entity: Barcelona, Catalonia, Spain
Professional category: Vice president
Start-End date: 2005 - 2008
- 2** **Name of the society:** Scientific Committee
Affiliation entity: Sociedad Española de Astronomía (SEA)
City affiliation entity: Barcelona, Catalonia, Spain
Professional category: President
Start-End date: 2003 - 2008
- 3** **Name of the society:** Comisión Nacional de Astronomía
Affiliation entity: Ministerio de Fomento **Type of entity:** Ministerio
City affiliation entity: Madrid, Community of Madrid, Spain
Professional category: Member
Start date: 2010
- 4** **Name of the society:** Sociedad Española de Astronomía (SEA)
Affiliation entity: Sociedad Española de Astronomía (SEA)
City affiliation entity: Barcelona, Catalonia, Spain
Professional category: President
Start date: 2009



5 Name of the society: Sociedad Española de Astronomía (SEA)
Affiliation entity: Sociedad Española de Astronomía (SEA)
City affiliation entity: Barcelona, Catalonia, Spain
Professional category: Founder member
Start date: 1992

6 Name of the society: European Astronomical Society (EAS)
Affiliation entity: European Astronomical Society (EAS)
City affiliation entity: Versoix, Switzerland
Professional category: Founder member
Start date: 1991

7 Name of the society: International Astronomical Union (IAU)
Affiliation entity: International Astronomical Union (IAU)
City affiliation entity: París, France
Professional category: Member
Start date: 1986

Summary of other achievements

- 1 Description of the achievement:** Coordinator and presenter of 2 of the Cycles of Conferences organized by the Ateneo de Granada in collaboration with the Institute of Astrophysics of Andalusia (IAA-CSIC): Luz, color, visión and Los orígenes
Accrediting entity: Ateneo de Granada **Type of entity:** Associations and Groups
Conferral date: 2015
- 2 Description of the achievement:** Director of the Andalusian Strategy for the Dissemination of Astronomy (Director de la Estrategia Andaluza de Divulgación de la Astronomía , EADA) at the Fundación Descubre
Accrediting entity: Fundación Descubre **Type of entity:** State agency
Conferral date: 2015
- 3 Description of the achievement:** Lecturer of the Cycle "Vive la Ciencia"
Accrediting entity: Consejo Superior de Investigaciones Científicas **Type of entity:** State agency
City accrediting entity: Madrid, Community of Madrid, Spain
Conferral date: 2003
- 4 Description of the achievement:** Co-founder and organizer of the Lucas Lara conference cycle
Accrediting entity: Instituto de Astrofísica de Andalucía **Type of entity:** State agency
Conferral date: 1996
- 5 Description of the achievement:** Collaborator of the European Science and Technology Week
Accrediting entity: Ministerio de Ciencia y Tecnología
City accrediting entity: Madrid, Community of Madrid, Spain
- 6 Description of the achievement:** Collaborator of the journalistic supplement "Un paseo por el Universo"



- 7** **Description of the achievement:** Founder and co-responsible for the monthly public talks of the Lucas Lara Cycle
Accrediting entity: Instituto de Astrofísica de Andalucía
City accrediting entity: Granada, Andalusia, Spain
Type of entity: State agency
- 8** **Description of the achievement:** Founder and member of the editorial committee of the journal of Information and Astronomical Actuality
Accrediting entity: Instituto de Astrofísica de Andalucía
City accrediting entity: Granada, Andalusia, Spain
Type of entity: State agency
- 9** **Description of the achievement:** Member of the IDT of the OSIRIS project
Accrediting entity: Proyecto Gran Telescopio Canarias
City accrediting entity: La Laguna, Canary Islands, Spain
Type of entity: Organismo Público
- 10** **Description of the achievement:** Member of the advisory committee of the portal of the Ministerio de Ciencia y Tecnología
Accrediting entity: Ministerio de Ciencia y Tecnología
City accrediting entity: Madrid, Community of Madrid, Spain
- 11** **Description of the achievement:** Member of the design group of the ALHAMBRA project
Accrediting entity: Observatorio de Calar Alto
City accrediting entity: Almería, Andalusia, Spain
- 12** **Description of the achievement:** Member of the groups of scientists associated with the SIDE spectrograph
Accrediting entity: Proyecto Gran Telescopio Canarias
City accrediting entity: La Laguna, Canary Islands, Spain
Type of entity: Organismo Público
- 13** **Description of the achievement:** Member of the scientific team of the OSIRIS project
Accrediting entity: Proyecto Gran Telescopio Canarias
City accrediting entity: La Laguna, Canary Islands, Spain
Type of entity: Organismo Público
- 14** **Description of the achievement:** Member of the scientific team of the OTELO project
Accrediting entity: Proyecto Gran Telescopio Canarias
City accrediting entity: La Laguna, Canary Islands, Spain
Type of entity: Organismo Público
- 15** **Description of the achievement:** Observations with the 0.9m telescope
Accrediting entity: Cerro Tololo Interamerican Observatory
City accrediting entity: La Serena, Chile
- 16** **Description of the achievement:** Observations with the 0.9m telescope
Accrediting entity: Kitt Peak National Observatory
City accrediting entity: Tucson, United States of America



- 17** **Description of the achievement:** Observations with the 1.23m, 1.5m, 2.2m, 3.5m telescopes
Accrediting entity: Observatorio de Calar Alto
City accrediting entity: Almería, Andalusia, Spain
- 18** **Description of the achievement:** Observations with the 1.5m telescope
Accrediting entity: Observatorio de Sierra Nevada
City accrediting entity: Granada, Andalusia, Spain
- 19** **Description of the achievement:** Observations with the 1m telescope
Accrediting entity: Observatorio San Pedro Martir
City accrediting entity: San Pedro Martir, Mexico
- 20** **Description of the achievement:** Observations with the JKT, INT telescopes
Accrediting entity: Observatorio del Roque de los Muchachos
Type of entity: Innovation and Technology Centres
City accrediting entity: La Palma, Canary Islands, Spain
- 21** **Description of the achievement:** Observations with the VLT telescope
Accrediting entity: ESO
City accrediting entity: Cerro Paranal, Chile
- 22** **Description of the achievement:** Using the ESO Imaging Station
Accrediting entity: ESO
City accrediting entity: Garching, Germany
- 23** **Description of the achievement:** Using the HUBBLE space telescope
Accrediting entity: NASA