



Enrique Solano Márquez

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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.

+ Aportaciones científicas:

Mi actividad científica se ha centrado en el desarrollo, gestión y explotación científica de grandes archivos de datos astronómicos y en la creación de infraestructuras que han transformado el acceso y uso de estos datos a escala internacional. Mi participación en la década de los noventa en el desarrollo del archivo final de la misión International Ultraviolet Explorer (IUE) fue la que orientó mi carrera hacia la maximización del retorno científico de las misiones espaciales y observatorios mediante el acceso abierto y reutilizable a los datos.

Desde 2002 soy responsable del Centro de Datos del Centro de Astrobiología (CSIC-INTA), el centro de datos astronómicos más importante gestionado por una institución española. Bajo mi responsabilidad se encuentran, entre otros, los archivos científicos del Gran Telescopio Canarias (GTC, el mayor telescopio del mundo) y del Observatorio de Calar Alto (el mayor observatorio de Europa continental), liderando su diseño, operación y explotación científica, así como equipos técnicos y científicos multidisciplinares.

Ese mismo año introduje en España el concepto de Observatorio Virtual (VO), contribuyendo de forma decisiva a su implantación nacional e integración en el contexto internacional. El VO aborda un reto científico-técnico fundamental: permitir el descubrimiento, acceso y análisis de datos astronómicos heterogéneos y distribuidos sin barreras de formato o localización, facilitando nueva ciencia basada en la combinación de grandes volúmenes de datos. Desde 2004 soy Investigador Principal del Observatorio Virtual Español (SVO), proyecto con un papel de liderazgo reconocido a nivel mundial en el campo de la ciencia VO. El proyecto ha venido siendo financiado de manera ininterrumpida desde 2004 a través de diferentes proyectos regionales, nacionales y europeos.

En paralelo, he desempeñado un papel activo en la gobernanza internacional del VO: desde 2004 soy representante español en el Comité Ejecutivo de la International Virtual Observatory Alliance (IVOA), miembro del Steering Committee del European Virtual Observatory (Euro-VO) desde 2006, y vicepresidente de la IVOA durante el periodo 2014–2016. Estas responsabilidades reflejan un liderazgo reconocido internacionalmente en la definición de estándares, políticas y estrategias científicas.



Mi producción científica incluye 176 artículos en revistas con revisión por pares, con un impacto sostenido y respaldado por más de 36 000 citas, un índice h de 59 y una elevada reutilización de mis trabajos, como muestran las lecturas y descargas registradas en ADS. He participado además en más de 170 contribuciones a conferencias y en la organización de 43 actividades de I+D, fomentando la colaboración internacional y la transferencia de conocimiento. Además, he sido miembro de los siguientes consorcios internacionales: Gaia Data Processing and Analysis (DPAC), J-PLUS, J-PAS, CARMENES, Kobe, GASPS, DUNES, EXPORT y COROT.

+ Aportaciones a la sociedad:

Mis aportaciones a la sociedad se articulan principalmente a través del desarrollo de infraestructuras científicas abiertas, que permiten el acceso universal a datos astronómicos de gran valor, favoreciendo la ciencia reproducible y la igualdad de oportunidades en investigación.

He participado activamente en más de 50 actividades de divulgación científica, contribuyendo a acercar la astronomía, la ciencia de datos y las infraestructuras digitales al público general y a colectivos educativos. A destacar que, desde 2011, SVO oferta un proyecto de ciencia ciudadana cuyo objetivo es mejorar el conocimiento de las órbitas de asteroides cercanos a la Tierra. La iniciativa cuenta con unos 5000 usuarios y permite involucrar al público en proyectos de investigación, permitiendo a los entusiastas de la astronomía contribuir al avance científico.

+ Aportaciones a la formación de jóvenes investigadores:

Desde sus comienzos, el proyecto SVO puso un fuerte énfasis en la formación y capacitación de investigadores y estudiantes. La formación se considera un elemento clave para garantizar la adopción del entorno VO por parte de la comunidad astronómica. Para ello, he participado en curso de máster en diferentes universidades españolas y he contribuido de forma continuada a la formación y desarrollo profesional de jóvenes investigadores mediante la dirección y supervisión de prácticas en empresa, trabajos de grado y máster y tesis doctorales. Pero, sin lugar a dudas, la actividad más visible en este apartado ha sido la organización de escuelas y cursos VO (hasta la fecha, 25 a nivel nacional y 11 a nivel europeo).



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.

Número total de artículos publicados en revistas con árbitro: 176

Número total de citas: 36131

Número total de autocitas: 530

Numero total de lecturas: 276890 (in ADS, "a read is counted if a user runs a search and then request to either view the paper's full bibliographic record or download the full text").

Número total de descargas: 114236 (in ADS, "downloads is the total number of ties the full text was accessed").

i10 index: 138 (número de publicaciones con, al menos, 10 citas)

i100 index: 37 (número de publicaciones con, al menos, 100 citas)

Información obtenida de ADS (<https://ui.adsabs.harvard.edu>).

Información adicional sobre la métrica de las publicaciones se puede obtener en: <https://ui.adsabs.harvard.edu/user/libraries/OqyiBo6PRveQE919Fjv7Fg>

- Número de contribuciones a conferencias nacionales o internacionales: 169

- Número de contribuciones a congresos, talleres, seminarios o cursos nacionales o internacionales: 101

- Participación en actividades de divulgación científica: 51

- Organizador de 43 actividades R&D

- Miembro de 10 comités/foros nacionales e internacionales



CURRÍCULUM VÍTAE NORMALIZADO

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Enrique Solano Márquez

Surname(s): **Solano Márquez**
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Current professional situation

Employing entity: Instituto Nacional de Técnica Aeroespacial **Type of entity:** Public Research Body
Professional category: Investigador Científico de OPI.
Start date: 18/01/2016
Type of contract: Civil servant **Dedication regime:** Full time
Primary (UNESCO code): 210000 - Astronomy & Astrophysics
Secondary (UNESCO code): 210300 - Optical astronomy

Previous positions and activities

	Employing entity	Professional category	Start date
1	Ingeniería y Servicios Aeroespaciales, S.A.	Investigador	01/09/1998
2	Universidad Europea de Madrid	Profesor Ayudante	01/01/1996
3	Ingeniería y Servicios Aeroespaciales, S.A.	Astrónomo Residente Observatorio IUE	01/01/1995
4	Ingeniería y Servicios Aeroespaciales, S.A.	Especialista de proceso de imagen. Proyecto IUE	01/03/1991
5	Ingeniería y Servicios Aeroespaciales, S.A.	Operador de ordenadores. Proyecto IUE	15/07/1990
6	Instituto Nacional de Técnica Aeroespacial	Científico Titular de OPI	22/10/2009

1 **Employing entity:** Ingeniería y Servicios Aeroespaciales, S.A. **Type of entity:** Business
Professional category: Investigador
Start-End date: 01/09/1998 - 22/10/2009

2 **Employing entity:** Universidad Europea de Madrid **Type of entity:** University
Professional category: Profesor Ayudante
Start-End date: 01/01/1996 - 01/10/2003

3



Employing entity: Ingeniería y Servicios Aeroespaciales, S.A.

Type of entity: Business

Professional category: Astrónomo Residente Observatorio IUE

Start-End date: 01/01/1995 - 31/03/1998

4 **Employing entity:** Ingeniería y Servicios Aeroespaciales, S.A.

Type of entity: Business

Professional category: Especialista de proceso de imagen. Proyecto IUE

Start-End date: 01/03/1991 - 31/12/1994

5 **Employing entity:** Ingeniería y Servicios Aeroespaciales, S.A.

Type of entity: Business

Professional category: Operador de ordenadores. Proyecto IUE

Start-End date: 15/07/1990 - 31/01/1991

6 **Employing entity:** Instituto Nacional de Técnica Aeroespacial

Type of entity: Public Research Body

Professional category: Científico Titular de OPI

Start date: 22/10/2009

Summary of professional activity

En 1995 comence mi participación en el desarrollo del archivo final de la misión IUE. Desde 2002 soy responsable del Centro de Datos del Centro de Astrobiología (CSIC-INTA), el centro de datos astronómicos más importante gestionado por una institución española y responsable, entre otros, del archivo de GTC (el mayor telescopio del mundo) y de Calar Alto (el mayor observatorio en Europa continental). Ese mismo año introduje en España el concepto de Observatorio Virtual (VO), contribuyendo de manera decisiva a su implantación y desarrollo a nivel nacional. El reto de VO es simple pero desafiante: crear una infraestructura que permita descubrir y acceder a datos heterogéneos de archivos distribuidos por todo el mundo sin las barreras de formato o ubicación.

Desde 2004 soy Investigador Principal del proyecto Observatorio Virtual Español (<https://svo.cab.inta-csic.es>), proyecto que juega un papel de liderazgo a nivel mundial en el ámbito de la ciencia VO. Información detallada sobre el proyecto se puede encontrar en <https://www.sea-astronomia.es/boletin/20-anos-de-observatorio-virtual-en-espana>

Asimismo, desde 2004 desempeño el cargo de representante español en el Comité Ejecutivo de la International Virtual Observatory Alliance (IVOA) y, desde 2006, en el Steering Committee del European Virtual Observatory (Euro-VO). Durante el periodo 2014–2016 ejercí además como vicepresidente de la IVOA.



Education

University education

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

University degree: Higher degree

Name of qualification: Licenciado en Ciencias Matemáticas Sección Astronomía, Mecánica y Geodesia Especialidad Astronomía y Geodesia

Degree awarding entity: Universidad Complutense de Madrid **Type of entity:** University

Date of qualification: 30/06/1989

Doctorates

Doctorate programme: Doctor en Ciencias Matemáticas

Degree awarding entity: Universidad Complutense de Madrid **Type of entity:** University

Date of degree: 30/09/1994

Language skills

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

Teaching experience

General teaching experience

- 1** **Type of teaching:** Official teaching
Name of the course: Observatorio Virtual
Type of programme: Experto universitario **Type of teaching:** Virtual
Type of subject: Doctorate
University degree: Curso de Experto en Astronomía
Frequency of the activity: 4
Start date: 31/03/2022 **End date:** 01/10/2021
Entity: Universidad Católica San Antonio de Murcia **Type of entity:** University
Subject language: Spanish



- 2** **Type of teaching:** Official teaching
Name of the course: Observatorio Virtual
Type of programme: Doctorate **Type of teaching:** Virtual
Type of subject: Doctorate
University degree: Doctorado en Astrofísica
Start date: 29/09/2020 **End date:** 29/09/2020
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 1
Entity: Universidad Andrés Bello **Type of entity:** University
City of entity: Santiago, Chile
Subject language: English
- 3** **Type of teaching:** Official teaching
Name of the course: Bases de datos. El Observatorio Virtual
Type of programme: Master's degree **Type of teaching:** In person theory
Type of subject: Optional
University degree: Programa Oficial de Posgrado Interuniversitario en Astrofísica
Course given: Técnicas Avanzadas de Astrofísica **Frequency of the activity:** 12
Start date: 01/10/2002 **End date:** 2016
Entity: Universidad Complutense de Madrid **Type of entity:** University
- 4** **Type of teaching:** Official teaching
Name of the course: Observatorio Virtual
Type of programme: Master's degree **Type of teaching:** In person theory
Type of subject: Doctorate
University degree: Máster Métodos y Técnicas Avanzadas en Física
Frequency of the activity: 2
Start date: 16/04/2012
Entity: Universidad de Granada **Type of entity:** University
- 5** **Type of teaching:** Official teaching
Name of the course: Observatorio Virtual
Type of programme: Master's degree **Type of teaching:** Virtual
Type of subject: Doctorate
University degree: Máster en Astronomía y Astrofísica
Frequency of the activity: 4
Start date: 01/07/2010
Entity: Universidad Internacional Valenciana **Type of entity:** University
Subject language: Spanish

Experience supervising doctoral thesis and/or final year projects

- 1** **Project title:** Virtual Observatory and Machine Learning for the study of low-mass objects in photometric and spectroscopic surveys
Type of project: Doctoral thesis
Co-director of thesis: Enrique Solano Márquez; Ana González Marcos
Entity: Universidad Complutense de Madrid **Type of entity:** University
Student: Pedro Mas Buitrago
Obtained qualification: Sobresaliente cum laude
Date of reading: 16/06/2025



- 2** **Project title:** Identificación y caracterización de objetos transitorios (transients) usando el cartografiado ZTF y Observatorio Virtual
Type of project: Trabajo Fin de Máster
Entity: Centro de Astrobiología **Type of entity:** State agency
Student: Luis Miguel Peci Sánchez
Obtained qualification: 8.5
Date of reading: 26/03/2024
- 3** **Project title:** M DWARFS IN THE VVVX SURVEY: A CENSUS OF LOW MASS STARS, BROWN DWARFS AND FREE FLOATING PLANETS IN THE SOUTHERN GALACTIC PLANE
Type of project: Doctoral thesis
Entity: Universidad Andrés Bello, Chile **Type of entity:** University
Student: Andrea Mejías
Date of reading: 31/08/2022
- 4** **Project title:** Identificación y caracterización de objetos ultrafríos en los cartografiados J-PLUS y J-PAS
Type of project: Master's Thesis
Entity: Centro de Astrobiología **Type of entity:** State agency
Student: David López Justo
Obtained qualification: 9 SOBRESALIENTE
Date of reading: 17/12/2020
- 5** **Project title:** A Virtual Observatory methodology to identify and characterize asteroids in wide-field images
Type of project: Trabajo Fin de Máster
Entity: Centro de Astrobiología **Type of entity:** State agency
Student: Cédric Pereira
Obtained qualification: 9 SOBRESALIENTE
Date of reading: 28/02/2019
- 6** **Project title:** -New hot subdwarfs stars by means of VO tools.
Type of project: ESAC trainee
Entity: Centro de Astrobiología **Type of entity:** State agency
Student: Ivon Bezhanova
Date of reading: 15/02/2019
- 7** **Project title:** Discovery and Characterization of ultracool dwarfs in the COSMOS Extragalactic Field
Type of project: Master's Thesis
Entity: Centro de Astrobiología **Type of entity:** State agency
Student: Inés Gómez Muñoz
Obtained qualification: 9 SOBRESALIENTE
Date of reading: 25/07/2018
- 8** **Project title:** Study of common proper-motion binaries using GWP and Gaia
Type of project: Bachelor's Thesis
Entity: Centro de Astrobiología **Type of entity:** State agency
Student: Carlos Moreno Jódar
Obtained qualification: 10 SOBRESALIENTE
Date of reading: 24/06/2017



- 9** **Project title:** Identificación y caracterización de estrellas de baja masa y enanas marrones utilizando una metodología de Observatorio Virtual
Type of project: Doctoral thesis
Entity: Universidad Complutense de Madrid **Type of entity:** University
Student: Miriam Aberasturi Vega
Date of reading: 16/11/2015
- 10** **Project title:** Search for Planetary Nebulae around Hot Subdwarf stars. Analysis and characterization of these peculiar systems
Type of project: Doctoral thesis
Co-director of thesis: Luis Felipe Miranda Palacios; Ana Miguel Ulla
Entity: Centro de Astrobiología - Universidad de Vigo
Student: Alba Allera Egea
Date of reading: 27/10/2015
- 11** **Project title:** Search for new bright nearby M dwarfs with Virtual Observatory tools
Type of project: Master's Thesis
Co-director of thesis: José Antonio Caballero Hernández
Entity: Centro de Astrobiología **Type of entity:** State agency
Student: Rubén Fedriani López
Obtained qualification: 9 SOBRESALIENTE
Date of reading: 22/09/2015
- 12** **Project title:** Integración de archivos y herramientas radioastronómicas en la arquitectura del Observatorio Virtual
Type of project: Doctoral thesis
Entity: Universidad de Granada **Type of entity:** University
Student: Juan de Dios Santander Vela
Date of reading: 21/05/2009
- 13** **Project title:** Caracterización fotométrica de estrellas de tipo F a M para la obtención de parámetros físicos mediante machine learning
Type of project: Doctoral thesis
Entity: Universidad Autónoma de Madrid
Student: John Fabio Aguilar Sánchez

Courses and seminars given

- 1** **Type of event:** Course
Name of the event: Curso de formación del profesorado: Agujeros negros
Organising entity: CESAR (Cooperation through Education in Science and Astronomy Research)
Hours of teaching: 1
Teaching date: 07/02/2024
Theme: Formación Docente
- 2** **Type of event:** Course
Name of the event: Curso formación profesorado: Gigantes gaseosos
Organising entity: CESAR (Cooperation through Education in Science and Astronomy Research)
Hours of teaching: 1
Teaching date: 16/11/2023
Theme: Formación Docente



- 3** **Type of event:** Course
Name of the event: The Unlimited Universe: Galileo Teacher Training Programme
Organising entity: CESAR (Cooperation through Education in Science and Astronomy Research)
Hours of teaching: 1
Teaching date: 14/09/2023
Theme: Formación Docente
- 4** **Type of event:** Course
Name of the event: IV Curso CesaR para el profesorado en castellano: Los límites del universo
Organising entity: CESAR (Cooperation through Education in Science and Astronomy Research)
Hours of teaching: 1,75
Teaching date: 25/05/2023
Theme: Formación Docente

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:** EL OBSERVATORIO VIRTUAL ESPAÑOL:EXPLORACIÓN CIENTÍFICO-TÉCNICA DE ARCHIVOS ASTRONÓMICOS.
Entity where project took place: Centro de Astrobiología **Type of entity:** State agency
Name principal investigator (PI, Co-PI....): Enrique Solano Márquez
Funding entity or bodies: Ministerio de Ciencia, Innovación y Universidades
Start-End date: 01/09/2024 - 31/08/2027
Total amount: 335.625 €
- 2** **Name of the project:** Red Española de Explotación Científica de Gaia
Entity where project took place: Centro de Astrobiología **Type of entity:** State agency
Funding entity or bodies: Ministerio de Ciencia e Innovación. Universidades **Type of entity:** RED2024-153937-T
Start-End date: 01/05/2025 - 30/04/2027
Total amount: 43.000 €
- 3** **Name of the project:** Astro-CC - Astronomy Open Science Competence Centre Pilot
Entity where project took place: Centro de Astrobiología **Type of entity:** State agency
Funding entity or bodies: Comisión Europea. OSCARS
Start-End date: 01/11/2024 - 31/10/2026
Total amount: 52.000 €



- 4** **Name of the project:** Red Española de Explotación Científica de Gaia
Entity where project took place: Centro de Astrobiología **Type of entity:** State agency
Funding entity or bodies: Ministerio de Ciencia e Innovación. Universidades **Type of entity:** RED2022-134612-T
Start-End date: 01/01/2023 - 31/12/2024
Total amount: 20.600 €
- 5** **Name of the project:** EL OBSERVATORIO VIRTUAL ESPAÑOL:EXPLORACIÓN CIENTÍFICO-TÉCNICA DE ARCHIVOS ASTRONÓMICOS.
Entity where project took place: Centro de Astrobiología **Type of entity:** State agency
Name principal investigator (PI, Co-PI....): Enrique Solano Márquez
Funding entity or bodies: Ministeriode de Ciencia e Innovación
Start-End date: 01/09/2021 - 31/08/2024
Total amount: 209.935 €
- 6** **Name of the project:** The Gaia DR3 Catalogue of Galactic AGB Stars
Entity where project took place: Centro de Astrobiología **Type of entity:** State agency
Name principal investigator (PI, Co-PI....): Enrique Solano; Francisco Jimenez Esteban; Belén López Martí
Funding entity or bodies: European Space Astronomy Centre **Type of entity:** 4000139151/22/ES/CM
Start-End date: 01/12/2022 - 01/12/2023
Total amount: 60.000 €
- 7** **Name of the project:** TEC2SPACECM. Desarrollo y explotación de nuevas tecnologías para instrumentación espacial en la Comunidad de Madrid
Entity where project took place: Centro de Astrobiología **Type of entity:** State agency
Funding entity or bodies: Consejería de Educación e Investigación
Start-End date: 01/01/2019 - 31/12/2022
Total amount: 895.232,5 €
- 8** **Name of the project:** ESCAPE (European Science Cluster of Astronomy & Particle Physics ESFRI Research Infrastructures)
Entity where project took place: Centro de Astrobiología **Type of entity:** State agency
Funding entity or bodies: Comisión Europea **Type of entity:** H2020
City funding entity: Madrid, Madrid, Comunidad de, Spain
Start-End date: 01/02/2019 - 31/07/2022
Total amount: 16.000.000 €



- 9** **Name of the project:** Red Española de Explotación Científica de Gaia
Entity where project took place: Centro de Astrobiología **Type of entity:** State agency
Funding entity or bodies: Ministerio de Ciencia e Innovación. Universidades **Type of entity:** RED2018-102587-T
Start-End date: 2018 - 2021
Total amount: 40.000 €
- 10** **Name of the project:** EL OBSERVATORIO VIRTUAL ESPAÑOL:EXPLORACIÓN CIENTÍFICO-TÉCNICA DE ARCHIVOS ASTRONÓMICOS.
Entity where project took place: Centro de Astrobiología **Type of entity:** State agency
Name principal investigator (PI, Co-PI....): Enrique Solano Márquez
Funding entity or bodies: Ministerio de Economía y Competitividad
Start-End date: 01/01/2018 - 31/12/2020
Total amount: 145.200 €
- 11** **Name of the project:** ASTERICS. Astronomy ESFRI and Research Infrastructure Cluster
Entity where project took place: Centro de Astrobiología **Type of entity:** State agency
Funding entity or bodies: Comisión Europea **Type of entity:** H2020
City funding entity: Madrid, Madrid, Comunidad de, Spain
Start-End date: 01/05/2015 - 30/04/2019
Total amount: 15.000.000 €
- 12** **Name of the project:** Space-Tec CM Desarrollo de nuevas tecnologías para instrumentación espacial en la Comunidad de Madrid
Entity where project took place: Centro de Astrobiología **Type of entity:** State agency
Funding entity or bodies: Consejería de Educación, Juventud y Deporte **Type of entity:** Comunidad de Madrid
Start-End date: 01/01/2015 - 31/12/2018
Total amount: 647.680 €
- 13** **Name of the project:** Red Española de Explotación Científica de Gaia
Entity where project took place: Centro de Astrobiología **Type of entity:** State agency
Funding entity or bodies: Ministerio de Ciencia e Innovación. Universidades **Type of entity:** AYA2015-71820-REDT
Start-End date: 01/12/2015 - 30/11/2018
Total amount: 30.500 €
- 14** **Name of the project:** EL OBSERVATORIO VIRTUAL ESPAÑOL:EXPLORACIÓN CIENTÍFICO-TÉCNICA DE ARCHIVOS ASTRONÓMICOS.
Entity where project took place: Centro de Astrobiología **Type of entity:** State agency
Name principal investigator (PI, Co-PI....): Enrique Solano Márquez

**Funding entity or bodies:**

Ministerio de Economía y Competitividad

Start-End date: 01/01/2015 - 31/12/2017

- 15 Name of the project:** GENIUS. Gaia European Network for Improved data User Services
Geographical area: European Union
Degree of contribution: Scientific coordinator
Entity where project took place: Centro de Astrobiología **Type of entity:** State agency
Name principal investigator (PI, Co-PI....): Xavier Luri
Funding entity or bodies: European Commission. Seventh Framework Programme
Type of participation: Co-ordinator
Start-End date: 01/11/2013 - 01/05/2016 **Duration:** 3 years - 6 months
Total amount: 2.493.463 €
- 16 Name of the project:** Astronomical Resource Cross-matching for High Energy Studies (ARCHES). Número de proyecto: 313146
Degree of contribution: Scientific coordinator
Entity where project took place: Centro de Astrobiología **Type of entity:** State agency
Name principal investigator (PI, Co-PI....): Christian Motch
Funding entity or bodies: European Commission. Seventh Framework Programme. SPA.2012.2.1-01
Type of participation: Co-ordinator
Start-End date: 01/01/2013 - 30/06/2015 **Duration:** 30 months
Total amount: 1.711.698,1 €
- 17 Name of the project:** CoSADIE. Collaborative and Sustainable Astronomical Data Infrastructure for Europe
Número del proyecto: Infra-2007-1.2.1. / 212104
Geographical area: European Union
Degree of contribution: Scientific coordinator
Entity where project took place: Centro de Astrobiología **Type of entity:** State agency
Name principal investigator (PI, Co-PI....): Françoise Genova
Funding entity or bodies: European Commission. Seventh Framework Programme
Type of participation: Co-ordinator
Start-End date: 01/09/2012 - 28/02/2015 **Duration:** 3 years
Total amount: 475.000 €
- 18 Name of the project:** El Observatorio Virtual Español. Explotación científico-técnica de los centros de datos astronómicos. Desarrollo y operación de los archivos VO de GTC, Calar Alto y Joan Oró. Número del proyecto: AYA2011-24052
Geographical area: National
Degree of contribution: Coordinator of total project, network or consortium
Entity where project took place: Centro de Astrobiología **Type of entity:** State agency
Nº of researchers: 15
Funding entity or bodies:



Ministerio de Ciencia e Innovación

Type of entity: Body, others

Type of participation: Co-ordinator

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

Duration: 3 years

Dedication regime: Full time

19 Name of the project: Astrofísica y Desarrollos tecnológicos en la Comunidad de Madrid.

ASTROMADRID-CM. Código del proyecto: P2009/ESP-1496

Geographical area: Regional

Degree of contribution: Scientific coordinator

Entity where project took place: Centro de Astrobiología

Type of entity: State agency

Name principal investigator (PI, Co-PI....): Miguel Mas Hesse

Funding entity or bodies:

Comunidad de Madrid. Consejería de Educación

Type of participation: Co-ordinator

Start-End date: 01/01/2010 - 31/12/2013

Total amount: 883.660 €

20 Name of the project: Euro-VO ICE - Euro-VO International Cooperation Empowerment. INFRA-2010-2.3.3

Research Infrastructures, project 261541

Geographical area: European Union

Degree of contribution: Scientific coordinator

Entity where project took place: Instituto Nacional de Técnica Aeroespacial

Type of entity: Public Research Body

Funding entity or bodies:

European Comisión. Seventh Framework Programme

Type of participation: Co-ordinator

Start-End date: 01/09/2010 - 31/08/2012

21 Name of the project: El Observatorio Virtual Español. Desarrollo y gestión de los centros de datos

científicos-VO de GTC, CoRoT y Calar Alto. Código proyecto: AYA2008-02156

Geographical area: National

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

Entity where project took place: Centro de Astrobiología

Type of entity: State agency

Nº of researchers: 10,5

Funding entity or bodies:

Ministerio de Ciencia e Innovación

Type of entity: MICINN

City funding entity: Madrid, Madrid, Comunidad de, Spain

Type of participation: Co-ordinator

Start-End date: 01/01/2009 - 31/12/2011

Duration: 3 years

Total amount: 474.802,79 €

22 Name of the project: EuroVO Astronomical Infrastructure for Data Access (EuroVO-AIDA).

Infra-2007-1.2.1. Código proyecto: 212104

Geographical area: European Union

Degree of contribution: Scientific coordinator

Entity where project took place: Instituto Nacional de Técnica Aeroespacial

Type of entity: Public Research Body

Funding entity or bodies:



European Comisión. Seventh Framework Programme

Type of participation: Co-ordinator

Start-End date: 01/02/2008 - 31/07/2010

Total amount: 242.433,33 €

- 23 Name of the project:** E-ELT Prep. Preparing for the construction of the European Extremely Large Telescope. Infra-2007-2.2.1.28. Código proyecto: 211257.

Geographical area: European Union

Degree of contribution: Researcher

Entity where project took place: Centro de Astrobiología **Type of entity:** State agency

Name principal investigator (PI, Co-PI....): Roberto Gilmozzi

Funding entity or bodies:

European Comisión. Seventh Framework Programme

Type of participation: Others

Start-End date: 01/01/2008 - 31/12/2009

Total amount: 5.000.000 €

- 24 Name of the project:** Desarrollo y explotación de instrumentación astronómica (ASTRID). Código proyecto: S-0505/ESP-0361

Geographical area: Regional

Degree of contribution: Scientific coordinator

Entity where project took place: Instituto Nacional de Técnica Aeroespacial **Type of entity:** Public Research Body

Funding entity or bodies:

Plan Regional de Investigación Científica e Innovación Tecnológica. Consejería de Educación. Comunidad de Madrid.

Type of participation: Co-ordinator

Start-End date: 01/01/2006 - 31/12/2009

Total amount: 632.500 €

- 25 Name of the project:** The European Virtual Observatory Data Centre Alliance (EURO-VO DCA). RI031675

Geographical area: European Union

Degree of contribution: Scientific coordinator

Entity where project took place: Instituto Nacional de Técnica Aeroespacial **Type of entity:** Public Research Body

Funding entity or bodies:

European Comisión. Framework Programme VI.

Type of participation: Co-ordinator

Start-End date: 01/09/2006 - 31/12/2008

Total amount: 1.540.855 €

- 26 Name of the project:** El Observatorio Virtual Español. Desarrollo y gestión del Centro de Datos científicos del Gran Telescopio Canarias (GTC).Código proyecto: AYA2005-04286

Geographical area: National

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

Entity where project took place: Instituto Nacional de Técnica Aeroespacial **Type of entity:** Public Research Body

Nº of researchers: 8

Funding entity or bodies:



Ministerio de Ciencia e Innovación

Type of entity: MICINN

City funding entity: Madrid, Madrid, Comunidad de, Spain

Type of participation: Co-ordinator

Start-End date: 01/01/2006 - 31/12/2008

27 Name of the project: Creación del Observatorio Virtual Español. Desarrollo y gestión del Centro de Datos científicos del Gran Telescopio Canarias (GTC). Acceso a bases de datos de misiones astronómicas espaciales. Código proyecto: AYA2004-00253

Geographical area: National

Degree of contribution: Scientific coordinator

Entity where project took place: Instituto Nacional de Técnica Aeroespacial **Type of entity:** Public Research Body

Name principal investigator (PI, Co-PI....): Carmen Morales Durán

Nº of researchers: 7

Funding entity or bodies:

Ministerio de Ciencia e Innovación

Type of entity: MICINN

City funding entity: Madrid, Madrid, Comunidad de, Spain

Type of participation: Co-ordinator

Start-End date: 31/12/2004 - 31/12/2005

Total amount: 172.500 €

R&D non-competitive contracts, agreements or projects with public or private entities

1 Name of the project: Convenio de colaboración con GranTeCan para el desarrollo del archivo GTC

2 Name of the project: Memorandum of Understanding with Centro Astronómico Hispano en Andalucía

Knowledge transfer and exchange

+ Participación en 27 proyectos R&D de ámbito regional, nacional y europeo.

+ Transferencia de conocimiento

Desarrollo de infraestructuras, servicios y herramientas usadas por otros investigadores o instituciones.

Desarrollo de **estándares VO**.

Archivos abiertos, software científico.

+ Intercambio de conocimiento

Colaboraciones con otros grupos, consorcios internacionales o proyectos europeos.

Formación avanzada a otros investigadores (workshops, escuelas, cursos técnicos).

Participación en redes internacionales

Contribución a ciencia abierta, FAIR data, reproducibilidad.



Scientific and technological activities

Scientific production

H index: 59

Date of application: 23/01/2026

Source of H-Index: ADS

Publications, scientific and technical documents

- 1** Beatriz Villarroel; Enrique Solano Márquez; Hichem Guergouri; Alina Streblyanska; Bruehl Stephen; et al.. Aligned, Multiple-transient Events in the First Palomar Sky Survey. *Publications of the Astronomical Society of the Pacific*. 137 - 10, 10/2025.

Type of production: Scientific paper **Format:** Journal
Total no. authors: 6 **Corresponding author:** No
- 2** Carlos Domínguez-Tagle; Marusa Zerjal; N. Sedigui; Pedro Mas-Buitrago; Eduardo Martín; et al.. Euclid Quick Data Release (Q1)—Spectroscopic Search, Classification, and Analysis of Ultracool Dwarfs in the Deep Fields. *The Astrophysical Journal*. 991 - 1, 09/2025.

Type of production: Scientific paper **Format:** Journal
Total no. authors: 6 **Corresponding author:** No
- 3** Juan Carlos Morales; Ignasi Ribas; S. Reffert; Manuel Perger; S. Dreizler; et al.. The CARMENES search for exoplanets around M dwarfs: Revisiting the GJ 317, GJ463, and GJ 3512 systems and two newly discovered planets orbiting GJ9773 and GJ 508.2. *Astronomy & Astrophysics*. 700, 08/2025.

Type of production: Scientific paper **Format:** Journal
Total no. authors: 6 **Corresponding author:** No
- 4** Alberto Rebassa-Mansergas; Enrique Solano Márquez; Alex J. Brown; Steven G. Parsons; Raquel Murillo Ojeda; et al.. Magnitude-limited catalogue of unresolved white dwarf-main sequence binaries from Gaia DR3. *Astronomy & Astrophysics*. 699, 07/2025.

Type of production: Scientific paper **Format:** Journal
Total no. authors: 6 **Corresponding author:** No
- 5** Eduardo L. Martín; Marusa Zerjal; Hervé Bouy; D. Martín González; Santiago Muñoz Torres; et al.. Euclid: Early Release Observations – A glance at free-floating newborn planets in the σ Orionis cluster. *Astronomy & Astrophysics*. 697, 05/2025.

Type of production: Scientific paper **Format:** Journal
Total no. authors: 6 **Corresponding author:** No
- 6** Pedro Mas Buitrago; J.Y. Zhang; Enrique Solano Márquez; Eduardo L. Martín. Ca II and H α flaring M dwarfs detected with multi-filter photometry. *Astronomy & Astrophysics*. 695, 03/2025.

Type of production: Scientific paper **Format:** Journal
Total no. authors: 4 **Corresponding author:** No
- 7** Olga Balsalobre Ruza; Jorge Lillo Box; A.M. Silva; Jesús Aceituno; S. Grouffal; al. et. KOBE-1: The first planetary system from the KOBE survey: Two planets likely residing in the sub-Neptune mass regime around a late K-dwarf. *Astronomy & Astrophysics*. 694, 02/2025.



Type of production: Scientific paper
Total no. authors: 6

Format: Journal
Corresponding author: No

- 8** Jorge Sanz Forcada; M López Puertas; M Lampon; S. Czesla; L. Nortmann; al. et. Connection between planetary He I $\lambda 10\ 830\ \text{\AA}$ absorption and extreme-ultraviolet emission of planet-host stars. *Astronomy & Astrophysics*. 693, 01/2025.

Type of production: Scientific paper
Total no. authors: 6

Format: Journal
Corresponding author: No

- 9** Carlos Viscasillas Sánchez; Enrique Solano Márquez; Ana Ulla; Markus Ambrosch; M.A Álvarez; al. et. Advanced classification of hot subdwarf binaries using artificial intelligence techniques and Gaia DR3 data. *Astronomy & Astrophysics*. 691, 11/2024.

Type of production: Scientific paper
Total no. authors: 6

Format: Journal
Corresponding author: No

- 10** R.K. Saito; M. Hempel; J. Alonso García; P.W. Lucas; Dante Minitti; al. et. The VISTA Variables in the Vía Láctea extended (VVVX) ESO public survey: Completion of the observations and legacy. *Astronomy & Astrophysics*. 689, 09/2024.

Type of production: Scientific paper
Total no. authors: 6

Format: Journal
Corresponding author: No

- 11** María Morales Calderón; S.R.G Joyce; J.P. Pye; David Barrado y Navascués; M García Castro; al. et. Exoplanets-A: A virtual observatory database for host stars and planetary systems. The effect of XUV on planet atmospheres. *Astronomy & Astrophysics*. 688, 08/2024.

Type of production: Scientific paper
Total no. authors: 6

Format: Journal
Corresponding author: No

- 12** Carlos Rodrigo Blanco; Patricia Cruz Gamba; John Fabio Aguilar; Alba Aller Egea; Enrique Solano Márquez; al. et. Photometric segregation of dwarf and giant FGK stars using the SVO Filter Profile Service and photometric tools. *Astronomy & Astrophysics*. 689, 07/2024.

Type of production: Scientific paper
Total no. authors: 6

Format: Journal
Corresponding author: No

- 13** Pedro Mas Buitrago; Ana González Marcos; Enrique Solano Márquez; Vera M. Passegger; Miriam Cortés Contreras; al. et. Using autoencoders and deep transfer learning to determine the stellar parameters of 286 CARMENES M dwarfs. *Astronomy & Astrophysics*. 689, 07/2024.

Type of production: Scientific paper
Total no. authors: 6

Format: Journal
Corresponding author: No

- 14** Gaia Collaboration; P. Panuzzo; T. Mazeh; F. Arenou; B. Holl; al. et. Discovery of a dormant 33 solar-mass black hole in pre-release Gaia astrometry. *Astronomy & Astrophysics*. 689, 06/2024.

Type of production: Scientific paper
Total no. authors: 6

Format: Journal
Corresponding author: No

- 15** Gaia Collaboration; A. Krone Martins; C Ducourant; L Galluccio; L. Delchambre; al. et. Gaia Focused Product Release: A catalogue of sources around quasars to search for strongly lensed quasars. *Astronomy & Astrophysics*. 689, 05/2024.

Type of production: Scientific paper
Total no. authors: 6

Format: Journal
Corresponding author: No

- 16** Enrique Solano Márquez; Geoffrey M. Marcy; Beatriz Villarroel; Stefan Geier; Alina Streblyanska; Gianluca Lombardi; Rudolf Bär. A bright triple transient that vanished within 50 min. *Monthly Notices of the Royal Astronomical Society*. 527, pp. 6312. 01/2024.



Type of production: Scientific paper
Corresponding author: Yes

Format: Journal

- 17** Enrique Solano Márquez; Ignacio Novalbos; Andrés José Ros; Miriam Cortés Contreras; Carlos Rodrigo. Confirmation and characterization of neglected WDS systems using Gaia data release 3 and the virtual observatory. *Astronomische Nachrichten*. 344, 12/2023.

Type of production: Scientific paper
Total no. authors: 5

Format: Journal
Corresponding author: Yes

- 18** Gaia collaboration; P. David; F. Mignard; D. Hestroffer; Paolo Tanga; et. al.. Gaia Focused Product Release: Asteroid orbital solution. Properties and assessment. *Astronomy & Astrophysics*. 680, 12/2023.

Type of production: Scientific paper
Total no. authors: 6

Format: Journal
Corresponding author: No

- 19** Gaia collaboration; M. Trabucchi; N. Mowlavi; T. Lebzelter; I. Lecoeur Taibi; et. al.. Gaia Focused Product Release: Radial velocity time series of long-period variables. *Astronomy & Astrophysics*. 680, 12/2023.

Type of production: Scientific paper
Total no. authors: 6

Format: Journal
Corresponding author: No

- 20** Gaia collaboration; K. Weinghrill; A. Mints; J. Castañeda; Z. Kostrzewa Rutkowska; et. al.. Gaia Focused Product Release: Sources from Service Interface Function image analysis. Half a million new sources in omega Centauri. *Astronomy & Astrophysics*. 680, 12/2023.

Type of production: Scientific paper
Total no. authors: 6

Format: Journal
Corresponding author: No

- 21** Gai collaboration; M. Schultheis; H. Zhao; T. Zwitter; Coryn Bailer Jones; et. al.. Gaia Focused Product Release: Spatial distribution of two diffuse interstellar bands. *Astronomy & Astrophysics*. 680, 12/2023.

Type of production: Scientific paper
Total no. authors: 6

Format: Journal
Corresponding author: No

- 22** Santiago Torres; Patricia Cruz Gamba; Raquel Murillo Ojeda; Francisco M Jiménez Esteban; Alberto Rebassa Mansergas; et. al.. White dwarf spectral type-temperature distribution from Gaia DR3 and the Virtual Observatory. *Astronomy & Astrophysics*. 677, 09/2023.

Type of production: Scientific paper
Total no. authors: 6

Format: Journal
Corresponding author: No

- 23** Gaia collaboration; O.L. Creevey; L.M. Sarro; A. Lobel; E. Pancino; et. al.. Gaia Data Release 3. A golden sample of astrophysical parameters. *Astronomy & Astrophysics*. 674, 06/2023.

Type of production: Scientific paper
Total no. authors: 6

Format: Journal
Corresponding author: No

- 24** Gaia collaboration; Alejandra Recio Blanco; G. Kordopatis; P. de Laverny; P.A. Palicio; et. al.. Gaia Data Release 3. Chemical cartography of the Milky Way. *Astronomy & Astrophysics*. 674, 06/2023.

Type of production: Scientific paper
Total no. authors: 6

Format: Journal
Corresponding author: No

- 25** Gaia collaboration; M. Schultheis; H. Zhao; T. Zwitter; D.J. Marshall; et. al.. Gaia Data Release 3. Exploring and mapping the diffuse interstellar band at 862 nm. *Astronomy & Astrophysics*. 674, 06/2023.

Type of production: Scientific paper
Total no. authors: 6

Format: Journal
Corresponding author: No



- 26** Gaia collaboration; R. Drimmel; M. Gómez Romero; L. Chemin; P. Ramos; et. al.. Gaia Data Release 3. Mapping the asymmetric disc of the Milky Way. *Astronomy & Astrophysics*. 674, 06/2023.
Type of production: Scientific paper **Format:** Journal
Total no. authors: 6 **Corresponding author:** No
- 27** Gaia collaboration; Joris De Ridder; V Ripepi; C. Aerts; L Palaversa; et. al.. Gaia Data Release 3. Pulsations in main sequence OBAF-type stars. *Astronomy & Astrophysics*. 674, 06/2023.
Type of production: Scientific paper **Format:** Journal
Total no. authors: 6 **Corresponding author:** No
- 28** Gaia collaboration; L. Galluccio; M Delbo; F. De Angeli; T. Pauwels; et. al.. Gaia Data Release 3. Reflectance spectra of Solar System small bodies. *Astronomy & Astrophysics*. 674, 06/2023.
Type of production: Scientific paper **Format:** Journal
Total no. authors: 6 **Corresponding author:** No
- 29** Gaia collaboration; F. Arenou; C. Babusiaux; M.A. Barstow; S. Faigler; et. al.. Gaia Data Release 3. Stellar multiplicity, a teaser for the hidden treasure. *Astronomy & Astrophysics*. 674, 06/2023.
Type of production: Scientific paper **Format:** Journal
Total no. authors: 6 **Corresponding author:** No
- 30** Gaia collaboration; A. Vallenari; A.G.A. Brown; T Prusti; J.H.J de Bruijne; et. al.. Gaia Data Release 3. Summary of the content and survey properties. *Astronomy & Astrophysics*. 674, 06/2023.
Type of production: Scientific paper **Format:** Journal
Total no. authors: 6 **Corresponding author:** No
- 31** Gaia collaboration; P. Montegriffo; M. Bellazzini; F. De Angeli; R. Andrae; et. al.. Gaia Data Release 3. The Galaxy in your preferred colours: Synthetic photometry from Gaia low-resolution spectra. *Astronomy & Astrophysics*. 674, 06/2023.
Type of production: Scientific paper **Format:** Journal
Total no. authors: 6 **Corresponding author:** No
- 32** Gaia collaboration; C.A.L Bailer Jones; D. Teyssier; L Delchambre; C. Ducourant; et. al.. Gaia Data Release 3. The extragalactic content. *Astronomy & Astrophysics*. 674, 06/2023.
Type of production: Scientific paper **Format:** Journal
Total no. authors: 6 **Corresponding author:** No
- 33** Miriam Cortés Contreras; Enrique Solano Márquez; Jaime Alonso Hernández; Nicolás Cardiel; Patricia Cruz Gamba; Carlos Rodrigo Blanco. The Calar Alto CAFOS direct imaging first data release. *Monthly Notices of the Royal Astronomical Society*. 521, pp. 3127. 05/2023.
Type of production: Scientific paper **Format:** Journal
Corresponding author: Yes
- 34** Patricia Cruz Gamba; Miriam Cortés Contreras; Enrique Solano Márquez; Carlos Rodrigo Blanco; Dante Minniti; Javier Alonso García; Roberto Saito. M dwarf stars in the b294 field from the VISTA Variables in the Vía Láctea (VVV). *Monthly Notices of the Royal Astronomical Society*. 520, pp. 4730. 04/2023.
Type of production: Scientific paper **Format:** Journal
Corresponding author: Yes
- 35** Ignasi Rivas; Andreas Reiners; Mathias Zechmeister; et al.. The CARMENES search for exoplanets around M dwarfs. Guaranteed time observations Data Release 1 (2016-2020). *Astronomy and Astrophysics*. 670, pp. 139. 02/2023.
Type of production: Scientific paper **Format:** Journal
Corresponding author: Yes

- 36** Francisco Manuel Jiménez Esteban; Santiago Torres; Alberto Rebassa Mansergas; Patricia Cruz Gamba; Raquel Murillo Ojeda; Enrique Solano Márquez; Carlos Rodrigo Blanco; María Camisassa. Spectral classification of the 100 pc white dwarf population from Gaia-DR3 and the virtual observatory. Monthly Notices of the Royal Astronomical Society. 518, pp. 5106. 02/2023.
Type of production: Scientific paper **Format:** Journal
Total no. authors: 8 **Corresponding author:** No
- 37** H.B. Yuang; L. Yang; Patricia Cruz Gamba; Francisco Jiménez Esteban; Simone Daflon; et al. The miniJPAS survey: stellar atmospheric parameters from 56 optical filters. Astronomy and Astrophysics. 518, 01/2023.
Type of production: Scientific paper **Format:** Journal
Total no. authors: 6 **Corresponding author:** Yes
- 38** Gaia collaboration; S.A. Klioner; L. Lindegren; F. Mignard; J. Hernández; et al. Gaia Early Data Release 3. The celestial reference frame (Gaia-CRF3). Astronomy and Astrophysics. 667, 11/2022.
Type of production: Scientific paper **Format:** Journal
Total no. authors: 6 **Corresponding author:** No
- 39** Pedro Mas Buitrago; Enrique Solano; Ana González Marcos; Carlos Rodrigo Blanco; et al.. J-PLUS: Discovery and characterisation of ultracool dwarfs using Virtual Observatory tools. II. Second data release and machine learning methodology. Astronomy and Astrophysics. 666, pp. 147. 10/2022.
Type of production: Scientific paper **Format:** Journal
Corresponding author: Yes
- 40** J.A. Caballero; E. González Álvarez; M Brady; T Trifonov; T.G. Ellis; C. Dorn. A detailed analysis of the Gl 486 planetary system. Astronomy and Astrophysics. 665, 09/2022.
Type of production: Scientific paper **Format:** Journal
Total no. authors: 6 **Corresponding author:** No
- 41** Patricia Cruz; John F. Aguilar; E. Hernán Garrido; P. Díaz Marcos; Enrique Solano. Detached eclipsing binaries from the Kepler field: radii and photometric masses of components in short-period systems. Monthly Notices of the Royal Astronomical Society. 515, pp. 1416. 09/2022.
Type of production: Scientific paper **Format:** Journal
Corresponding author: Yes
- 42** Enrique Solano; Beatriz Villarroel; Carlos Rodrigo. Discovering vanishing objects in POSS I red images using the Virtual Observatory. Monthly Notices of the Royal Astronomical Society. 515, pp. 1380. 09/2022.
Type of production: Scientific paper **Format:** Journal
Corresponding author: Yes
- 43** Ignacio Mendigutía; Enrique Solano; Miguel Vioque; Lola Balaguer Núñez; Álvaro Ribas; Nuria Huélamo; Carlos Rodrigo. Gaia EDR3 comparative study of protoplanetary disk fractions in young stellar clusters. Astronomy and Astrophysics. 664, pp. 66. 08/2022.
Type of production: Scientific paper **Format:** Journal
Corresponding author: Yes
- 44** Enrique Solano; Ana Ulla; Esther Pérez; Carlos Rodrigo. Identification of new hot subdwarf binary systems by means of Virtual Observatory tools. Monthly Notices of the Royal Astronomical Society. 514, pp. 4239. 08/2022.
Type of production: Scientific paper **Format:** Journal
Corresponding author: Yes



- 45** Beatriz Villarroel; Lars Mattsson; Hichem Guergouri; Enrique Solano Márquez; Stefan Geier; et al. A glint in the eye: Photographic plate archive searches for non-terrestrial artefacts. *Acta Astronautica*. 194, 05/2022.
Type of production: Scientific paper **Format:** Journal
Total no. authors: 6 **Corresponding author:** No
- 46** Santiago Torres; P. Canals; Francisco Jimenez Esteban; Alberto Rebassa Mansergas; Enrique Solano. A population synthesis fitting of the Gaia resolved white dwarf binary population within 100 pc. *Monthly Notices of the Royal Astronomical Society*. 511, pp. 5462. 04/2022.
Type of production: Scientific paper **Format:** Journal
Corresponding author: Yes
- 47** Andrea Mejías; Dante Minniti; J. Alonso García; J.C. Beamín; R.K. Saito; Enrique Solano Márquez. VVVX Near-IR Photometry for 99 Low-mass Stars in the Gaia EDR3 Catalog of Nearby Stars. *Astronomy and Astrophysics*. 660, 04/2022.
Type of production: Scientific paper **Format:** Journal
Total no. authors: 6 **Corresponding author:** No
- 48** Alberto Rebassa Mansergas; Siyi Xu; Roberto Raddi; Anna Pala; Enrique Solano; Santiago Torres; Francisco Jimenez Esteban; Patricia Cruz. Gaia 0007-1605: An Old Triple System with an Inner Brown Dwarf-White Dwarf Binary and an Outer White Dwarf Companion. *Astrophysical Journal*. 927, pp. 31. 03/2022.
Type of production: Scientific paper **Format:** Journal
Corresponding author: Yes
- 49** Carlos Andrés Galarza; Simone Daflon; Vinicius M. Placco; Carlos Allende; Marcelo Borgues; et. al. J-PLUS: Searching for very metal-poor star candidates using the SPEEM pipeline. *Astronomy and Astrophysics*. 657, 01/2022.
Type of production: Scientific paper **Format:** Journal
Total no. authors: 6 **Corresponding author:** No
- 50** David Morate; Jorge Marcio Carvano; Álvaro Álvarez; Mario De Prá; Javier Licandro; et. al. J-PLUS: A first glimpse at the spectrophotometry of asteroids. The MOOJa catalog. *Astronomy and Astrophysics*. 655, 11/2021.
Type of production: Scientific paper **Format:** Journal
Total no. authors: 6 **Corresponding author:** No
- 51** Alberto Rebassa Mansergas; Enrique Solano; Francisco Jimenez Esteban; Santiago Torres; A. Ferrer; et al.. White dwarf-main-sequence binaries from Gaia EDR3: the unresolved 100 pc volume-limited sample. *Monthly Notices of the Royal Astronomical Society*. 506, pp. 5201. 10/2021.
Type of production: Scientific paper **Format:** Journal
Corresponding author: Yes
- 52** J. Guzmán Díaz; Ignacio Mendigutía; Benjamín Montesinos; R.D Oudmaijer; Miguel Vioque; et al.. Homogeneous study of Herbig Ae/Be stars from spectral energy distributions and Gaia EDR3. *Astronomy and Astrophysics*. 650, 06/2021.
Type of production: Scientific paper **Format:** Journal
Total no. authors: 6 **Corresponding author:** No
- 53** Javier González Payo; Miriam Cortés Contreras; Nicolas Lodieu; Enrique Solano Márquez; Z.H. Zhang; M.C. Gálvez Ortiz. Wide companions to M and L subdwarfs with Gaia and the Virtual Observatory. *Astronomy and Astrophysics*. 650, 06/2021.
Type of production: Scientific paper **Format:** Journal
Total no. authors: 6 **Corresponding author:** No



- 54** Beatriz Villarroel; G.W. Marcy; Stefan Geier; Alina Streblyanska; Enrique Solano Márquez; et al.. Exploring nine simultaneously occurring transients on April 12th 1950. *Scientific Reports*. 11, 05/2021.
Type of production: Scientific paper **Format:** Journal
Total no. authors: 6 **Corresponding author:** No
- 55** Gaia collaboration; S.A. Klioner; F. Mignard; L. Lindegren; U. Bastian; et al.. Gaia Early Data Release 3. Acceleration of the Solar System from Gaia astrometry. *Astronomy and Astrophysics*. 649, 05/2021.
Type of production: Scientific paper **Format:** Journal
Total no. authors: 6 **Corresponding author:** No
- 56** Gaia collaboration; X. Luri; L. Chemin; G. Clementini; H.E. Delgado; et al.. Gaia Early Data Release 3. Structure and properties of the Magellanic Clouds. *Astronomy and Astrophysics*. 649, 05/2021.
Type of production: Scientific paper **Format:** Journal
Total no. authors: 6 **Corresponding author:** No
- 57** Gaia collaboration; A.G.A. Brown; A. Vallenari; T. Prusti; J.H.J de Bruijne; et al.. Gaia Early Data Release 3. Summary of the contents and survey properties. *Astronomy and Astrophysics*. 649, 05/2021.
Type of production: Scientific paper **Format:** Journal
Total no. authors: 6 **Corresponding author:** No
- 58** Gaia collaboration; R.L. Smart; L.M. Sarro; J. Rybizki; C. Reylé; et al.. Gaia Early Data Release 3. The Gaia Catalogue of Nearby Stars. *Astronomy and Astrophysics*. 649, 05/2021.
Type of production: Scientific paper **Format:** Journal
Total no. authors: 6 **Corresponding author:** No
- 59** Gaia collaboration; T. Antoja; P.J. McMillan; G. Kordopatis; P. Ramos; et al.. Gaia Early Data Release 3. The Galactic anticentre. *Astronomy and Astrophysics*. 649, 05/2021.
Type of production: Scientific paper **Format:** Journal
Total no. authors: 6 **Corresponding author:** No
- 60** P. Baqui; V. Marra; et. al. (incluye Solano E.). The miniJPAS survey: star-galaxy classification using machine learning. *Astronomy & Astrophysics*,. 645, pp. A87. 01/2021.
Type of production: Scientific paper **Format:** Journal
Corresponding author: No
- 61** Enrique Solano Márquez; M.Cruz Gálvez Ortiz; Eduardo L. Martín Guerrero de Escalante; Inés Gómez Muñoz; Carlos Rodrigo Blanco; et al.. Ultracool dwarfs in deep extragalactic surveys using the virtual observatory: ALHAMBRA and COSMOS. *Monthly Notices of the Royal Astronomical Society*. 501, pp. 281 - 290. 01/2021.
Type of production: Scientific paper **Format:** Journal
Corresponding author: Yes
- 62** Carlos Cifuentes; Jose Caballero; et. al. (incluye Solano E.). CARMENES input catalogue of M dwarfs. V. Luminosities, colours, and spectral energy distributions. *Astronomy & Astrophysics*,. 642, pp. A115. 10/2020.
Type of production: Scientific paper **Format:** Journal
Corresponding author: No
- 63** Vera Passegger; Antonio Bello; et. al. (incluye Solano E.). The CARMENES search for exoplanets around M dwarfs. A deep learning approach to determine fundamental parameters of target stars. *Astronomy & Astrophysics*,. 642, pp. A22. 10/2020.
Type of production: Scientific paper **Format:** Journal
Corresponding author: No



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- 150** Bruntt, H.; Bikmaev, I. F.; Catala, C.; Solano, E.; Gillon, M.; Magain, P.; Van't Veer-Menneret, C.; Stütz, C.; Weiss, W. W.; Ballereau, D.; 6 coautores. Abundance analysis of targets for the COROT/MONS asteroseismology missions. II Abundance analysis of the COROT main targets. *Astronomy and Astrophysics*. 425, pp. 683 - 695. 2004.
Type of production: Scientific paper **Format:** Journal



- 151** Mora, A.; Eiroa, C.; Natta, A.; Grady, C. A.; de Winter, D.; Davies, J. K.; Ferlet, R.; Harris, A. W.; Miranda, L. F.; Montesinos, B.; and 15 coautores. Dynamics of the circumstellar gas in the Herbig Ae stars BF Orionis, SV Cephei, WW Vulpeculae and XY Persei. *Astronomy and Astrophysics*. 419, pp. 225 - 240. 2004.
Type of production: Scientific paper **Format:** Journal
- 152** Ribas, I.; Solano, E.; Masana, E.; Giménez, A.. Effective temperatures and radii of planet-hosting stars from IR photometry. *Astronomy and Astrophysics*. 411, pp. L501 - L504. 2004.
Type of production: Scientific paper **Format:** Journal
- 153** Merín, B.; Montesinos, B.; Eiroa, C.; Solano, E.; Mora, A.; D'Alessio, P.; Calvet, N.; Oudmaijer, R. D.; de Winter, D.; Davies, J. K.; 14 coautores. Study of the properties and spectral energy distributions of the Herbig AeBe stars HD 34282 and HD 141569. *Astronomy and Astrophysics*. 419, pp. 301 - 318. 2004.
Type of production: Scientific paper **Format:** Journal
- 154** Solano, E.; Garcia, J. The ENEAS portal. *Communications in Asteroseismology*. 143, pp. 9 - 11. 2003.
Type of production: Scientific paper **Format:** Journal
- 155** Mora, A.; Natta, A.; Eiroa, C.; Grady, C. A... A dynamical study of the circumstellar gas in UX Orionis. *Astronomy and Astrophysics*. 393, pp. 259 - 271. 2002.
Type of production: Scientific paper **Format:** Journal
- 156** Eiroa C.; Oudmaijer; R.D.; Davies; J.K.; de Winter D.; Garzón F.. On the simultaneous optical and near-infrared variability of pre-main sequence stars. *Astronomy and Astrophysics*. 384, pp. 1038 - 1049. 2002.
Type of production: Scientific paper **Format:** Journal
- 157** Y. Tsapras; Rachel A. Street; Keith Horne; Alan Penny; Fraser Clarke; et al.. Can Jupiters be found by monitoring Galactic bulge microlensing events from northern sites?. *Astronomy and Astrophysics*. 375, pp. 899 - 908. 08/2001.
Type of production: Scientific paper **Format:** Journal
Total no. authors: 6 **Corresponding author:** No
- 158** Tsapras Y., Street, R.A., Horne K., Penny A; Clarke F., Deeg H., Garzón F.. Can Jupiters be found by monitoring Galactic bulge microlensing events from northern sites?. *Monthly Notices of the Royal Astronomical Society*. 325, pp. 1205 - 1212. 2001.
Type of production: Scientific paper **Format:** Journal
- 159** Eiroa C.; Garzón F.; Alberdi A.; de Winter D.; Ferlet R.; Grady C.A.. EXPORT: Near-IR observations of Vega-type and pre-main sequence stars. *Astronomy and Astrophysics*. 365, pp. 110 - 114. 2001.
Type of production: Scientific paper **Format:** Journal
- 160** Oudmaijer R.D.; Palacios J.; Eiroa C.; Davies J.K.; de Winter D.; Ferlet R.. EXPORT: Optical photometry and polarimetry of Vega-type and pre-main sequence stars. *Astronomy and Astrophysics*. 379, pp. 564 - 578. 2001.
Type of production: Scientific paper **Format:** Journal
- 161** Mora A.; Merín B.; Solano E.; Montesinos B.; de Winter D.; Eiroa C.. EXPORT: Spectral classification and projected rotational velocities of Vega-type and pre-main sequence stars. *Astronomy and Astrophysics*. 378, pp. 116 - 131. 2001.
Type of production: Scientific paper **Format:** Journal
- 162** Kamp I.; Iliev I.K.; Paunzen E.; Pintado O.I.; Solano E.; Barzova I.S.. Light element non-LTE abundances of lambda Bootis stars: II. Nitrogen and sulphur. *Astronomy and Astrophysics*. 375, pp. 899 - 908. 2001.
Type of production: Scientific paper **Format:** Journal



- 163** Solano E.; Paunzen E.; Pintado O.I.; Varela J.. Physical parameters of lambda Bootis stars. *Astronomy and Astrophysics*. 374, pp. 957 - 967. 2001.
Type of production: Scientific paper **Format:** Journal
- 164** González-Riestra R.; Cassatella A.; Solano E.; Altamore A.; Wamsteker W.. The INES System III. Evaluation of IUE NEWSIPS High Resolution Spectra. *Astronomy and Astrophysics Supplement Series*. 141, pp. 343 - 355. 2000.
Type of production: Scientific paper **Format:** Journal
- 165** Solano E.; Paunzen E.. Identification of lambda Bootis stars using IUE spectra II. High Resolution Data. *Astronomy and Astrophysics*. 348, pp. 825 - 830. 1999.
Type of production: Scientific paper **Format:** Journal
- 166** Solano E.; Paunzen E. Identification of lambda Bootis stars using IUE spectra. *Astrophysics and Space Science*. 263, pp. 271 - 274. 06/1998.
Type of production: Scientific paper **Format:** Journal
Total no. authors: 2 **Corresponding author:** Yes
- 167** Solano E.; Pintado O.I.. Spectroscopic Survey of δ SCT Stars. *Astrophysics and Space Science*. 263, pp. 267 - 270. 06/1998.
Type of production: Scientific paper **Format:** Journal
Total no. authors: 2 **Corresponding author:** Yes
- 168** Solano E.. The Absolute Magnitude of RR Lyraes: from HIPPARCOS Parallaxes and Proper Motions. *Astrophysics and Space Science*. 263, pp. 219 - 222. 06/1998.
Type of production: Scientific paper **Format:** Journal
Total no. authors: 1 **Corresponding author:** Yes
- 169** Solano E.; Paunzen E. Identification of lambda Bootis stars using IUE spectra. I. Low resolution data. *Astronomy and Astrophysics*. 331, pp. 633 - 638. 1998.
Type of production: Scientific paper **Format:** Journal
- 170** Paunzen E.; Heiter U.; Weiss W.W.; Handler G.; Garrido R.; Solano E.; Gelbmann M.. On the new lambda Bootis-type spectroscopic binary systems HD 84948 and HD 171948. *Astronomy and Astrophysics*. 329, pp. 155 - 160. 1998.
Type of production: Scientific paper **Format:** Journal
- 171** Paunzen E.; Weiss W.W.; Kuschnig R.; Handler G.; Strassmeier K.G.; North P.; Solano E.; Gelbmann M.; Kuenzli M.; Garrido R.. Pulsation in lambda Bootis stars. *Astronomy and Astrophysics*. 335, pp. 533 - 538. 1998.
Type of production: Scientific paper
- 172** Fernley J.; Barnes T.G.; Skillen I.; Hawley S.L.; Hanley C.J.; Evans D.W.; Solano E.; Garrido R.. The Absolute Magnitudes of RR Lyraes from HIPPARCOS parallaxes and proper motions. *Astronomy and Astrophysics*. 330, pp. 515 - 520. 1998.
Type of production: Scientific paper **Format:** Journal
- 173** Solano E.; Garrido R.; Fernley J.; Barnes T.G.. Radial velocities and iron abundances of field RR Lyraes (II). *Astronomy and Astrophysics Supplement Series*. 125, pp. 321 - 327. 1997.
Type of production: Scientific paper **Format:** Journal
- 174** Solano E.; Fernley J.. Spectroscopic survey of delta Scuti stars. I. Rotational velocities and effective temperatures. *Astronomy and Astrophysics Supplement Series*. 122, pp. 131 - 147. 1997.
Type of production: Scientific paper



175 Fernley J.; Neckel H.; Solano E.; Wamsteker W.. A study of solar analogues in the ultraviolet. *Astronomy and Astrophysics*. 311, pp. 245 - 252. 1996.

Type of production: Scientific paper

Format: Journal

Works submitted to national or international conferences

1 **Title of the work:** Spanish Virtual Observatory: 20 years of public and community engagement

Name of the conference: 32nd General Assembly International Union (IAUGA 2024)

Type of event: Conference

Type of participation: Participatory - oral communication

Corresponding author: No

City of event: Capetown, South African Republic

Date of event: 08/2024

End date: 08/2024

Organising entity: Union Astronomica Internacional

Ricardo Rizzo; Enrique Solano; Francisco Jiménez Esteban; Patricia Cruz Gamba; Pedro Mas Buitrago.

2 **Title of the work:** Confirmation and characterization of neglected WDS systems using Gaia DR3 and the Virtual Observatory

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

Type of event: Conference

Type of participation: Participatory - oral communication

Corresponding author: Yes

City of event: Granada, Andalucía, Spain

Date of event: 15/07/2024

End date: 19/07/2024

Enrique Solano; Igancio Novalbos; Andrés J. Ros; Miriam Cortés Contreras; Carlos Rodrigo.

3 **Title of the work:** Estimating stellar parameters from photometry using ML techniques

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

Type of event: Conference

Type of participation: Participatory - oral communication

Corresponding author: No

City of event: Granada, Andalucía, Spain

Date of event: 15/07/2024

End date: 19/07/2024

John Fabio Aguilar; Patricia Cruz Gamba; Enrique Solano.

4 **Title of the work:** FGK and M dwarfs/giants photometric segregation using ML and SVO photometric tools

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

Type of event: Conference

Type of participation: Participatory - oral communication

Corresponding author: No

City of event: Granada, Andalucía, Spain

Date of event: 15/07/2024

End date: 19/07/2024

Patricia Cruz Gamba; Carlos Rodrigo; John Fabio Aguilar; Alba Aller; Enrique Solano; et al.



- 5** **Title of the work:** Science with the help of the Virtual Observatory
Name of the conference: XVI Scientific Meeting of the Spanish Astronomical Society
Type of event: Conference
Type of participation: Participatory - oral communication
Corresponding author: No
City of event: Granada, Andalucía, Spain
Date of event: 15/07/2024
End date: 19/07/2024
Patricia Cruz Gamba; Enrique Solano.
- 6** **Title of the work:** Studies of white dwarf stars from Gaia and the Virtual Observatory
Name of the conference: XVI Scientific Meeting of the Spanish Astronomical Society
Type of event: Conference
Type of participation: Participatory - oral communication
Corresponding author: No
City of event: Granada, Andalucía, Spain
Date of event: 15/07/2024
End date: 19/07/2024
Francisco Jiménez Esteban; Alberto Rebassa Mansergas; Santiago Torres; Raquel Murillo Ojeda; Patricia Cruz Gamba; Enrique Solano.
- 7** **Title of the work:** Teaching Astronomy with the Virtual Observatory
Name of the conference: XVI Scientific Meeting of the Spanish Astronomical Society
Type of event: Conference
Type of participation: Participatory - oral communication
Corresponding author: No
City of event: Granada, Andalucía, Spain
Date of event: 15/07/2024
End date: 19/07/2024
Luis González Ramírez; Alba Aller Egea; Enrique Solano.
- 8** **Title of the work:** White dwarfs with infrared excess within 100 pc: Gaia and the Virtual Observatory
Name of the conference: XVI Scientific Meeting of the Spanish Astronomical Society
Type of event: Conference
Type of participation: Participatory - oral communication
Corresponding author: No
City of event: Granada, Andalucía, Spain
Date of event: 15/07/2024
End date: 19/07/2024
Raquel Murillo Ojeda; Francisco Jiménez Esteban; Alberto Rebassa Mansergas; Santiago Torres; Enrique Solano.
- 9** **Title of the work:** Detecting binary hot subdwarfs with artificial intelligence: Comparing and explaining the results of various machine learning approaches
Name of the conference: EAS2024/, European Astronomical Society Annual Meeting
Type of event: Conference
Type of participation: Participatory - oral communication
Corresponding author: No
City of event: Padova, Italy
Date of event: 01/07/2024
End date: 05/07/2024



Markus Ambrosch; Carlos Viscasillas; Enrique Solano; Ana Ulla; Marco Álvarez.

- 10** **Title of the work:** Photometric segregation between dwarfs and giants using AI and Spanish Virtual Observatory photometric tools
Name of the conference: EAS2024/, European Astronomical Society Annual Meeting
Type of event: Conference
Type of participation: Participatory - oral communication
Corresponding author: No
City of event: Padova, Italy
Date of event: 01/07/2024
End date: 05/07/2024
M.C. Gálvez; Carlos Rodrigo; Patricia Cruz; John Fabio Aguilar; Alba Aller; et al.
- 11** **Title of the work:** Selecting interesting cataclysmic variables selected from the LSST brokers
Name of the conference: What Was That? - Planning ESO Follow up for Transients, Variables, and Solar System Objects in the Era of LSST
Type of event: Conference
Type of participation: Participatory - poster
Corresponding author: No
City of event: Garching, Germany
Date of event: 22/01/2024
End date: 26/01/2024
Alessandro Ederoclite; Enrique Solano; Luis Miguel Peci; Almudena Velasco.
- 12** **Title of the work:** Substellar science in the wake of the ESA Euclid space mission
Name of the conference: WINDOWS ON THE UNIVERSE - 30TH ANNIVERSARY RENCONTRES DU VIETNAM 2023
Type of event: Conference
Type of participation: Participatory - invited / keynote talk
Corresponding author: No
City of event: Vietnam
Date of event: 06/08/2023
End date: 12/08/2023
Eduardo Martín; et al. (incluye Solano).
- 13** **Title of the work:** Characterisation of Gaia alerts using the Virtual Observatory
Name of the conference: European Astronomical Society Annual Meeting
Type of event: Conference
Type of participation: Participatory - poster
City of event: Cracovia, Poland
Date of event: 10/07/2023
End date: 14/07/2023
Enrique Solano.
- 14** **Title of the work:** Gaia-based comparative study of protoplanetary disk frequencies in young stellar clusters
Name of the conference: XV Scientific Meeting of the Spanish Astronomical Society
Type of event: Conference
Type of participation: Participatory - oral communication
Corresponding author: No
City of event: La Laguna, Spain
Date of event: 04/09/2022



End date: 09/09/2022

Ignacio Mendigutía; Enrique Solano; Miguel Vioque; Lola Balaguer; álvaro Ribas; Nuria Huélamo; Carlos Rodrigo Blanco.

15 Title of the work: Gaia-based comparative study of protoplanetary disk frequencies in young stellar clusters

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

Type of event: Conference

Type of participation: Participatory - oral communication

Corresponding author: No

City of event: La Laguna, Spain

Date of event: 04/09/2022

End date: 09/09/2022

Ignacio Mendigutía; Enrique Solano; Miguel Vioque; Lola Balaguer; álvaro Ribas; Nuria Huélamo; Carlos Rodrigo Blanco.

16 Title of the work: Identification of ultracool dwarfs in J-PLUS DR2 using Virtual Observatory tools and machine learning techniques

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

Type of event: Conference

Type of participation: Participatory - poster

Corresponding author: No

City of event: La Laguna, Spain

Date of event: 04/09/2022

End date: 09/09/2022

Pedro Mas Buitrago; Enrique Solano; Ana González Marco.

17 Title of the work: Remote Virtual Observatory schools

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

Type of event: Conference

Type of participation: Participatory - oral communication

Corresponding author: Yes

City of event: La Laguna, Spain

Date of event: 04/09/2022

End date: 09/09/2022

Pedro Mas Buitrago; Enrique Solano; Miriam Cortés Contreras; M. Cruz Gálvez Ortiz; Francisco Jiménez Esteban; Belén López Martí; Raquel Murillo Ojeda; José Ricardo Rizzo; Carlos Rodrigo Blanco.

18 Title of the work: Identifying M dwarfs in VVV survey using Gaia

Name of the conference: The 21st Cambridge Workshop on Cool Stars, Stellar Systems, and the Sun (CS21)

Type of event: Conference

Type of participation: Participatory - poster

Corresponding author: No

City of event: Toulouse, France

Date of event: 04/07/2022

End date: 08/07/2022

Patricia Cruz; Miriam Cortés; Enrique Solano; Carlos Rodrigo.

19 Title of the work: Short-period eclipsing binaries: a purely photometric method to characterise components of detached systems from the Kepler field

Name of the conference: The 21st Cambridge Workshop on Cool Stars, Stellar Systems, and the Sun (CS21)



Type of event: Conference

Type of participation: Participatory - poster

Corresponding author: No

City of event: Toulouse, France

Date of event: 04/07/2022

End date: 08/07/2022

Patricia Cruz; John Fabio Aguilar; Hernán Garrido P; P. Díaz Marcos; Enrique Solano.

20 Title of the work: DISCOVERING VANISHING OBJECTS IN POSSIBLE RED IMAGES USING THE VIRTUAL OBSERVATORY

Name of the conference: European Astronomical Society Annual Meeting

Type of event: Conference

Type of participation: Participatory - poster

City of event: Valencia, Comunitat Valenciana, Spain

Date of event: 27/06/2022

End date: 30/06/2022

Enrique Solano.

21 Title of the work: European Virtual Observatory Schools

Name of the conference: ADASS XXXI

Type of event: Conference

Type of participation: Participatory - poster

Corresponding author: No

City of event: Cape Town, South African Republic

Date of event: 24/10/2021

End date: 28/10/2021

Francisco Jimenez Esteban; Mark Allen; Stefania Amodeo; Miriam Cortés Contreras; Sebastien Derriere; Hendrik Heinl; Ada Nebot; Enrique Solano.

22 Title of the work: Supporting FAIR Principles in the Astrophysics Community: the European Experience

Name of the conference: ADASS XXXI

Type of event: Conference

Type of participation: Participatory - poster

Corresponding author: No

City of event: Cape Town, South African Republic

Date of event: 24/10/2021

End date: 28/10/2021

Marco Molinaro; Mark Allen; F. Bonnarel; F. Genova; M. Demleitner; et. al.

23 Title of the work: The temperature, gravity, and frequency scaling relation for delta Scuti stars

Name of the conference: Plato Mission Conference 2021

Type of event: Conference

Type of participation: Participatory - poster

Corresponding author: No

Date of event: 10/2021

End date: 10/2021

Sebastiá Barceló; Andy Moya; David Barrado; Enrique Solano; Susana Martín Ruiz; et. al.

24 Title of the work: A deep learning approach to photospheric parameters of CARMENES target stars

Name of the conference: The 20.5th Cambridge Workshop on Cool Stars, Stellar Systems, and the Sun

Type of event: Conference



Type of participation: Participatory - poster

Corresponding author: No

Date of event: 03/2021

End date: 03/2021

Vera Passegger; Antonio Bello; Joaquín Ordieres; J.A. Caballero; Andreas Schweitzer; et. al.

- 25 Title of the work:** Unveiling the power spectra of δ Sct stars with TESS. The temperature, gravity, and frequency scaling relation
Name of the conference: The 20.5th Cambridge Workshop on Cool Stars, Stellar Systems, and the Sun
Type of event: Conference
Type of participation: Participatory - poster
Corresponding author: No
Date of event: 03/2021
End date: 03/2021
Sebastiá Barceló; Andy Moya; David Barrado; Enrique Solano; Susana Martín Ruiz; et. al.

- 26 Title of the work:** The CARMENES M-dwarf planet survey
Name of the conference: SPIE
Type of event: Conference
Type of participation: Participatory - poster
Corresponding author: No
City of event: on-line,
Date of event: 12/2020
End date: 12/2020
Andreas Quirrenback; CARMENES consortium.

- 27 Title of the work:** Filabres: a New Pipeline for the Automatic Data Reduction of CAFOS Direct Imaging
Name of the conference: ADASS XXX
Type of event: Conference
Type of participation: Participatory - poster
Corresponding author: No
City of event: on-line, Spain
Date of event: 08/11/2020
End date: 12/11/2020
Nicolás Cardiel; Enrique Galcerán; Jaime Alonso; Sergio Pascual; José Manuel Alacid; Enrique Solano; Miriam Cortés Contreras; M. Teresa Ceballos; Jesús Aceituno; Santos Pedraz.

- 28 Title of the work:** Spreading the word -- current status of VO tutorials and schools
Name of the conference: ADASS XXX
Type of event: Conference
Type of participation: Participatory - poster
Corresponding author: No
City of event: on-line, Spain
Date of event: 08/11/2020
End date: 12/11/2020
Katharina Lutz; Mark Allen; et al. (incluye Solano).

- 29 Title of the work:** Clusterix2.0: a virtual observatory tool to estimate cluster membership probability
Name of the conference: XIV.0 Scientific Meeting (virtual) of the Spanish Astronomical Society
Type of event: Conference
Type of participation: Participatory - poster

Corresponding author: No
City of event: on-line,
Date of event: 13/07/2020
End date: 15/07/2020
Lola Balaguer Núñez; et al. (incluye E. Solano).

30 **Title of the work:** Colours and luminosities of M dwarfs in the CARMENES input catalogue
Name of the conference: XIV.0 Scientific Meeting (virtual) of the Spanish Astronomical Society
Type of event: Conference
Type of participation: Participatory - poster
Corresponding author: No
City of event: on-line,
Date of event: 13/07/2020
End date: 15/07/2020
Carlos Cifuentes; José Antonio Caballero; Miriam Cortés Contreras; et al. (incluye E. Solano).

31 **Title of the work:** Filabres: a New Pipeline for the Automatic Data Reduction of CAFOS Direct Imaging
Name of the conference: XIV.0 Scientific Meeting (virtual) of the Spanish Astronomical Society
Type of event: Conference
Type of participation: Participatory - poster
Corresponding author: No
City of event: on-line, Spain
Date of event: 13/07/2020
End date: 15/07/2020
Nicolás Cardiel; Enrique Galcerán; Jaime Alonso; Sergio Pascual; José Manuel Alacid; Enrique Solano; Miriam Cortés Contreras; M. Teresa Ceballos; Jesús Aceituno; Santos Pedraz.

32 **Title of the work:** Kinematics of M dwarfs in the CARMENES input catalogue
Name of the conference: XIV.0 Scientific Meeting (virtual) of the Spanish Astronomical Society
Type of event: Conference
Type of participation: Participatory - poster
Corresponding author: No
City of event: on-line,
Date of event: 13/07/2020
End date: 15/07/2020
Miriam Cortés Contreras; et al. (incluye E. Solano).

33 **Title of the work:** Preparation of Euclid Legacy Science on Ultracool Dwarfs
Name of the conference: XIV.0 Scientific Meeting (virtual) of the Spanish Astronomical Society
Type of event: Conference
Type of participation: Participatory - poster
Corresponding author: No
City of event: on-line,
Date of event: 13/07/2020
End date: 15/07/2020
Eduardo Martín Guerrero de Escalante; Enrique Solano Márquez; et al.

34 **Title of the work:** Science-ready data in the GTC and Calar Alto Archives
Name of the conference: XIV.0 Scientific Meeting (virtual) of the Spanish Astronomical Society
Type of event: Conference
Type of participation: Participatory - poster



Corresponding author: No

City of event: on-line,

Date of event: 13/07/2020

End date: 15/07/2020

José Mauel Alacid Polo; Enrique Solano Márquez.

- 35** **Title of the work:** The Galactic white dwarf population as seen by Gaia-DR2 and the Virtual Observatory
Name of the conference: XIV.0 Scientific Meeting (virtual) of the Spanish Astronomical Society
Type of event: Conference
Type of participation: Participatory - poster
Corresponding author: No
City of event: on-line,
Date of event: 13/07/2020
End date: 15/07/2020
Francisco Jiménez Esteban; Enrique Solano Márquez; Santiago Torres; Alberto Rabassa Mansergas.
- 36** **Title of the work:** The Gran Telescopio Canarias OSIRIS Broad Band First Data Release
Name of the conference: XIV.0 Scientific Meeting (virtual) of the Spanish Astronomical Society
Type of event: Conference
Type of participation: Participatory - poster
Corresponding author: No
City of event: on-line,
Date of event: 13/07/2020
End date: 15/07/2020
Miriam Cortés Contreras; Hervé Bouy; Enrique Solano Márquez; et al.
- 37** **Title of the work:** The SVO Filter Profile Service
Name of the conference: XIV.0 Scientific Meeting (virtual) of the Spanish Astronomical Society
Type of event: Conference
Type of participation: Participatory - poster
Corresponding author: No
City of event: on-line,
Date of event: 13/07/2020
End date: 15/07/2020
Carlos Rodrigo Blanco; Enrique Solano Márquez.
- 38** **Title of the work:** Unveiling the power spectra of Scuti stars with TESS. The temperature, gravity, and frequency scaling relation
Name of the conference: XIV.0 Scientific Meeting (virtual) of the Spanish Astronomical Society
Type of event: Conference
Type of participation: Participatory - poster
Corresponding author: No
City of event: on-line,
Date of event: 13/07/2020
End date: 15/07/2020
Sebastiá Barceló Forteza; et al. (incluye E. Solano).
- 39** **Title of the work:** VOSA 7.0 - A VO Spectral Energy Distribution Analyzer. New features
Name of the conference: XIV.0 Scientific Meeting (virtual) of the Spanish Astronomical Society
Type of event: Conference
Type of participation: Participatory - poster

Corresponding author: No

City of event: on-line,

Date of event: 13/07/2020

End date: 15/07/2020

Carlos Rodrigo Blanco; Amelia Bayo Arán; Enrique Solano Márquez.

- 40** **Title of the work:** Wide companions to M and L subdwarfs with Gaia DR2 and the Virtual Observatory
Name of the conference: XIV.0 Scientific Meeting (virtual) of the Spanish Astronomical Society
Type of event: Conference
Type of participation: Participatory - poster
Corresponding author: No
City of event: on-line,
Date of event: 13/07/2020
End date: 15/07/2020
Javier González Payo; Miriam Cortés Contreras; Nicolas Lodieu; Enrique Solano Márquez; et al.
- 41** **Title of the work:** Exoplanet host-star properties: the active environment of exoplanets
Name of the conference: IAU Symposium No. 345 - Origins: from the Protosun to the First Steps of Life
Type of event: Conference
Type of participation: Participatory - poster
Corresponding author: No
City of event: on-line,
Date of event: 2020
End date: 2020
John Pye; David Barrado; Rafael García; Manuel Gudel; J. Nichols; et al.
- 42** **Title of the work:** Transient characterization using the Virtual Observatory
Name of the conference: ESA/ESO Sciops Workshop 2019
Type of event: Conference
Type of participation: Participatory - poster
Corresponding author: No
City of event: Villanueva de la Cañada, Spain
Date of event: 19/11/2019
End date: 22/11/2019
Organising entity: AGENCE SPATIALE EUROPEENE ESA - ESAC
Enrique Solano Márquez; Carlos Rodrigo Blanco; Almudena Velasco Trasmonte.
- 43** **Title of the work:** Identification of Asteroids Using the Virtual Observatory: The WFCAM Transit Survey
Name of the conference: Ciencias Planetarias y Exploración del Sistema Solar, CPESS6 Congress
Type of event: Conference
Type of participation: Participatory - oral communication
Corresponding author: No
City of event: Torrejón de ardoz, Spain
Date of event: 27/05/2019
End date: 29/05/2019
Miriam Cortés Contreras; Francisco Jiménez Esteban; Max Mahlke; Enrique Solano Márquez.
- 44** **Title of the work:** Identification of Asteroids Using the Virtual Observatory: The WFCAM Transit Survey
Name of the conference: Ciencias Planetarias y Exploración del Sistema Solar, CPESS6
Type of event: Conference
Type of participation: Participatory - poster



Corresponding author: No

City of event: Torrejón de Ardoz, Madrid, Comunidad de, Spain

Date of event: 27/05/2019

End date: 29/05/2019

Miriam Cortés Contreras; Francisoc Jiménez Esteban; Max Mahlke; Enrique Solano Márquez; J Durech; et al.

45 Title of the work: The SSOS Pipeline: Identification of Serendipitously Observed Solar System Objects in Images of Ground-Based Observatories

Name of the conference: Ciencias Planetarias y Exploración del Sistema Solar, CPES6 Congress

Type of event: Conference

Type of participation: Participatory - oral communication

Corresponding author: No

City of event: Torrejón de ardoz, Spain

Date of event: 27/05/2019

End date: 29/05/2019

Max Mahlke; Enrique Solano Márquez.

46 Title of the work: A White Dwarf catalogue from Gaia-DR2 and the Virtual Observatory

Name of the conference: 53rd ESLAB Symposium: The Gaia Universe,

Type of event: Conference

Type of participation: Participatory - oral communication

Corresponding author: No

City of event: ESTEC/ESA, Holland

Date of event: 08/04/2019

End date: 12/04/2019

Francisco Jiménez Esteban; Santiago Torres; Alberto Rebassa Mansergas; G. Skorobogatov; Enrique Solano Márquez; Carles Cantero; Carlos Rodrigo.

47 Title of the work: Open Clusters Membership by Clusterix 2.0 for Gaia DR2. (<http://clusterix.cab.inta-csic.es>)

Name of the conference: 53rd ESLAB Symposium: The Gaia Universe,

Type of event: Conference

Type of participation: Participatory - poster

Corresponding author: No

City of event: ESTEC/ESA, Holland

Date of event: 08/04/2019

End date: 12/04/2019

Lola Balaguer Núñez; Mauro López del Fresno; Enrique Solano Márquez; David Galadí Enríquez; Carme Jordi; Eduard Masana; Francisco Jiménez Esteban; Ernst Paunzen.

48 Title of the work: Scientific exploitation of the Osiris Broad Band catalogue

Name of the conference: VI Meeting on Science with GTC

Type of event: Conference

Type of participation: Participatory - poster

Corresponding author: No

City of event: Valencia, Spain

Date of event: 12/12/2018

End date: 14/12/2018

Miriam Cortés Contreras; Enrique Solano Márquez; Hervé Bouy; Max Malhke; Francisco Jiménez Esteban; José Manuel Alacid Polo.



- 49** **Title of the work:** The GTC Archive
Name of the conference: VI Meeting on Science with GTC
Type of event: Conference
Type of participation: Participatory - invited / keynote talk
Corresponding author: Yes
City of event: Valencia, Spain
Date of event: 12/12/2018
End date: 14/12/2018
Enrique Solano Márquez.
- 50** **Title of the work:** Physical properties of asteroids using the WFCAM Transit Survey and the Virtual Observatory
Name of the conference: European Planetary Science Congress 2018
Type of event: Conference
Type of participation: Participatory - oral communication
Corresponding author: Yes
City of event: Berlín, Germany
Date of event: 16/09/2018
End date: 21/09/2018
Organising entity: Europlanet
Miriam Cortés Contreras; Francisco Jiménez Esteban; Enrique Solano Márquez; Benoit Carry; Carlos Rodrigo Blanco. "2018EPSC...12..178C".
- 51** **Title of the work:** SVO-ast: A citizen-science project to identify NEAs and Mars crossers using the Virtual Observatory
Name of the conference: European Planetary Science Congress 2018
Type of event: Conference
Type of participation: Participatory - oral communication
Corresponding author: Yes
City of event: Berlín, Germany
Date of event: 16/09/2018
End date: 21/09/2018
Organising entity: Europlanet
Enrique Solano Márquez; Carlos Rodrigo Blanco; Benoit Carry; Miriam Cortés Contreras. "2018EPSC...12..180S".
- 52** **Title of the work:** Exoplanet host-star properties: the active environment of exoplanets
Name of the conference: IAUS 345: Origins: From the Protosun to the First Steps of Life
Type of event: Conference **Geographical area:** Non EU International
Type of participation: Participatory - oral communication
Corresponding author: Yes
City of event: Vienna, Austria
Date of event: 20/08/2018
End date: 23/08/2018
Organising entity: IAU
John P. Pye; David Barrado Navascués; Rafael García; Manuel Güdel; (incluye Solano) et al. Available on-line at: <<https://arxiv.org/pdf/1903.00234.pdf>>.
- 53** **Title of the work:** Exoplanet host-star properties: the active environment of exoplanets
Name of the conference: Origins: from the Protosun to the First Steps of Life
Type of event: Conference



Type of participation: Participatory - oral communication

Corresponding author: No

City of event: Viena, Austria

Date of event: 20/08/2018

End date: 23/08/2018

Organising entity: IAU

John Pye; David Barrado; (incluye Solano) et al.

54 Title of the work: Establishing the nature of X-ray binaries through infrared spectroscopy

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

Type of event: Conference

Geographical area: National

Type of participation: Participatory - poster

Corresponding author: Yes

City of event: Salamanca, Spain

Date of event: 16/07/2018

End date: 20/07/2018

José Joaquín Rodés Roca; Guillermo Bernabéu; José Miguel Torrejón; (incluye Solano) et al. Arán.
Available on-line at: <2019hsax.conf..429R>.

55 Title of the work: Identification and characterization of asteroids using the WFCAM Transit Survey and the Virtual Observatory

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

Type of event: Conference

Geographical area: National

Type of participation: Participatory - poster

Corresponding author: Yes

City of event: Salamanca, Spain

Date of event: 16/07/2018

End date: 20/07/2018

Miriam Cortés Contreras; Francisco Jiménez Esteban; Enrique Solano Márquez; Benoit Carry; Carlos Rodrigo Blanco. Available on-line at: <2019hsax.conf..509C>.

56 Title of the work: Identification of very cool and ultracool dwarfs in ALHAMBRA and COSMOS fields using Virtual Observatory tools

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

Type of event: Conference

Geographical area: National

Type of participation: Participatory - poster

Corresponding author: Yes

City of event: Salamanca, Spain

Date of event: 16/07/2018

End date: 20/07/2018

M. Cruz Gálvez Ortiz; Enrique Solano Márquez; Inés Gómez Muñoz; Eduardo L. Martín Guerrero de Escalante. Available on-line at: <2019hsax.conf..407G>.

57 Title of the work: Night Sky Brightness monitoring in Spain

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

Type of event: Conference

Geographical area: National

Type of participation: Participatory - oral communication

Corresponding author: Yes

City of event: Salamanca, Spain

Date of event: 16/07/2018

End date: 20/07/2018



Jaime Zamorano; C. Tapia; Sergio Pascual; (incluye Solano) et al. Available on-line at: <2019hsax.conf..599Z>.

- 58** **Title of the work:** Open Clusters Membership by Clusterix 2.0 for Gaia DR2
Name of the conference: XIII Scientific Meeting of the Spanish Astronomical Society
Type of event: Conference **Geographical area:** National
Type of participation: Participatory - poster
Corresponding author: Yes
City of event: Salamanca, Spain
Date of event: 16/07/2018
End date: 20/07/2018
Lola Balaguer Núñez; Mauro López del Fresno; Enrique Solano Márquez; David Galadí Enriquez; Carme Jordi Nebot; Eduard Masana; Ernst Paunzen. Available on-line at: <2019hsax.conf..398B>.
- 59** **Title of the work:** SVO Discovery Tool: A Science booster; let machines do the routine work ?Show affiliations
Name of the conference: XIII Scientific Meeting of the Spanish Astronomical Society
Type of event: Conference **Geographical area:** National
Type of participation: Participatory - poster
Corresponding author: Yes
City of event: Salamanca, Spain
Date of event: 16/07/2018
End date: 20/07/2018
Almudena Velasco Trasmonte; Enrique Solano Márquez; Carlos Rodrigo Blanco. Available on-line at: <2019hsax.conf..611V>.
- 60** **Title of the work:** The Gran Telescopio Canarias Archive
Name of the conference: XIII Scientific Meeting of the Spanish Astronomical Society
Type of event: Conference **Geographical area:** National
Type of participation: Participatory - oral communication
Corresponding author: Yes
City of event: Salamanca, Spain
Date of event: 16/07/2018
End date: 20/07/2018
Enrique Solano Márquez; José Manuel Alacid Polo. Available on-line at: <2019hsax.conf..577S>.
- 61** **Title of the work:** The Pleiades as seen by TGAS and the Virtual Observatory
Name of the conference: XIII Scientific Meeting of the Spanish Astronomical Society
Type of event: Conference **Geographical area:** National
Type of participation: Participatory - poster
Corresponding author: Yes
City of event: Salamanca, Spain
Date of event: 16/07/2018
End date: 20/07/2018
Francisco Jiménez Esteban; Miriam Cortés Contreras; Mauro López del Fresno; Enrique Solano Márquez; José Antonio Caballero Hernández. Available on-line at: <2019hsax.conf..412J>.
- 62** **Title of the work:** VOSA: SED building and analysis of thousands of stars in the framework of Gaia
Name of the conference: XIII Scientific Meeting of the Spanish Astronomical Society
Type of event: Conference **Geographical area:** National
Type of participation: Participatory - poster



Corresponding author: Yes

City of event: Salamanca, Spain

Date of event: 16/07/2018

End date: 20/07/2018

Carlos Rodrigo Blanco; Enrique Solano Márquez; Amelia Bayo Arán; Miriam Cortés Contreras; Francisco Jiménez Esteban; Benoit Carry. Available on-line at: <2019hsax.conf..430R>.

63 Title of the work: CARMENES: high-resolution spectra and precise radial velocities in the red and infrared

Name of the conference: SPIE 2018

Type of event: Conference

Type of participation: Participatory - oral communication

Corresponding author: No

Date of event: 07/2018

End date: 07/2018

et al. incluye Solano; Colaboration CARMENES.

64 Title of the work: Identification And Characterization Of Ultracool Dwarfs Using J-Plus

Name of the conference: Early Data Release and Scientific Exploitation of the J-PLUS Survey

Type of event: Conference

Corresponding author: Yes

City of event: Teruel, Spain

Date of event: 02/10/2017

End date: 03/10/2017

Organising entity: CEFCA

Enrique Solano Márquez; Ana Gonzalez; Antonio Bello; Luis Manuel Sarro Baro; Joaquín Ordieres Mere; Eduardo Martín Guerrero de Escalante.

65 Title of the work: AsteroModelGenerator

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

Type of event: Conference

Corresponding author: Yes

City of event: Praga, Czech Republic

Date of event: 26/06/2017

Organising entity: European Astronomical Society

José Ramón Rodón; Juan Carlos Suárez; Andrés Moya; Antonio García Hernández; Carlos Rodrigo; Enrique Solano; Rafael Garrido; Javier Pascual.

66 Title of the work: Clusterix 2.0 for Gaia

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

Type of event: Conference

Corresponding author: Yes

City of event: Praga, Czech Republic

Date of event: 26/06/2017

Organising entity: European Astronomical Society

Enrique Solano Márquez; Lola Balaguer Núñez; Mauro López del Fresno; Pol Massana; David Galadí; Carme Jordi; Eduard Masana; Thomas Sézima; Ernst Paunzen.

67 Title of the work: The Virtual Observatory: A new framework for new science

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

Type of event: Conference

Corresponding author: Yes



City of event: Praga, Czech Republic
Date of event: 26/06/2017
Organising entity: European Astronomical Society
Enrique Solano Márquez.

68 **Title of the work:** VOSa: SED building and analysis of thousands of stars in the framework of Gaia
Name of the conference: European Week of Astronomy and Space Science
Type of event: Conference
Corresponding author: Yes
City of event: Praga, Czech Republic
Date of event: 26/06/2017
Organising entity: European Astronomical Society
Enrique Solano Márquez; Carlos Rodrigo; Amelia Bayo; Francisco Jiménez Esteban.

69 **Title of the work:** Identification of binary and multiple systems in TGAS using the Virtual Observatory
Name of the conference: Astrometry and Astrophysics in the Gaia sky
Type of event: Conference
City of event: Niza, France
Date of event: 24/04/2017
End date: 28/04/2017
Organising entity: International Astronomical Union
Francisco Jiménez Esteban; Enrique Solano Márquez. "Proceedings of the International Astronomical Union, IAU Symposium, Volume 330, pp. 225-226; 2018IAUS..330..225J".

70 **Title of the work:** Spectral Stellar Libraries at the Spanish Virtual Observatory
Name of the conference: ASI Conference Series, 2017
Type of event: Conference
Corresponding author: Yes
Date of event: 2017
End date: 2017
Organising entity: International Astronomical Union
Carlos Rodrigo Blanco; Enrique Solano Márquez; Amelia Bayo.

71 **Title of the work:** A search for new hot subdwarfs by means of Virtual Observatory tools
Name of the conference: XII Reunión Científica de la Sociedad Española de Astronomía
City of event: Bilbao, Spain
Date of event: 21/07/2016
End date: 21/07/2016
Organising entity: Universidad del País Vasco **Type of entity:** University
Enrique Solano Márquez; Esther Pérez Fernández; Ana Ulla Miguel; Raquel Oreiro. "Highlights on Spanish Astrophysics IX, Proceedings of the XII Scientific Meeting of the Spanish Astronomical Society held on July 18-22, 2016, in Bilbao, Spain, ISBN 978-84-606-8760-3. S. Arribas, A. Alonso-Herrero, F. Figueras, C. Hernández-Monteagudo, A. Sánchez-Lavega, S. Pérez-Hoyos (eds.), 2017 , p. 469-474".

72 **Title of the work:** Clusterix 2.0 for Gaia
Name of the conference: XII Reunión Científica de la Sociedad Española de Astronomía
City of event: Bilbao, Spain
Date of event: 21/07/2016
End date: 21/07/2016
Organising entity: Universidad del País Vasco **Type of entity:** University
City organizing entity: Las Rozas,



Lola Balaguer Núñez; David Galadí Enríquez; Mauro López del Fresno; Enrique Solano Márquez; Carme Jordi Nebot; T. Sézima. "Highlights on Spanish Astrophysics IX, Proceedings of the XII Scientific Meeting of the Spanish Astronomical Society held on July 18-22, 2016, in Bilbao, Spain, ISBN 978-84-606-8760-3. S. Arribas, A. Alonso-Herrero, F. Figueras, C. Hernández-Monteagudo, A. Sánchez-Lavega, S. Pérez-Hoyos (eds.), 2017 , p. 328-333".

73 Title of the work: Physical parameters for TGAS stars

Name of the conference: XII Reunión Científica de la Sociedad Española de Astronomía

City of event: Bilbao, Spain

Date of event: 21/07/2016

End date: 21/07/2016

Organising entity: Universidad del País Vasco

Type of entity: University

Eduard Masana; Enrique Solano Márquez. "Highlights on Spanish Astrophysics IX, Proceedings of the XII Scientific Meeting of the Spanish Astronomical Society held on July 18-22, 2016, in Bilbao, Spain, ISBN 978-84-606-8760-3. S. Arribas, A. Alonso-Herrero, F. Figueras, C. Hernández-Monteagudo, A. Sánchez-Lavega, S. Pérez-Hoyos (eds.), 2017 , p. 407-412".

74 Title of the work: The COSMIC-DANCE project: Unravelling the origin of the mass function

Name of the conference: XII Reunión Científica de la Sociedad Española de Astronomía

City of event: Bilbao, Spain

Date of event: 21/07/2016

End date: 21/07/2016

Organising entity: Universidad del País Vasco

Type of entity: University

City organizing entity: Las Rozas,

Hervé Bouy; E. Bertin; et al; Enrique Solano Márquez. "Highlights on Spanish Astrophysics IX, Proceedings of the XII Scientific Meeting of the Spanish Astronomical Society held on July 18-22, 2016, in Bilbao, Spain, ISBN 978-84-606-8760-3. S. Arribas, A. Alonso-Herrero, F. Figueras, C. Hernández-Monteagudo, A. Sánchez-Lavega, S. Pérez-Hoyos (eds.), 2017 , p. 338-344".

75 Title of the work: VOSA: A VO SED Analyzer

Name of the conference: XII Reunión Científica de la Sociedad Española de Astronomía

City of event: Bilbao, Spain

Date of event: 21/07/2016

End date: 21/07/2016

Organising entity: Universidad del País Vasco

Type of entity: University

Carlos Rodrigo Blanco; Amelia Bayo Arán; Enrique Solano Márquez. "Highlights on Spanish Astrophysics IX, Proceedings of the XII Scientific Meeting of the Spanish Astronomical Society held on July 18-22, 2016, in Bilbao, Spain, ISBN 978-84-606-8760-3. S. Arribas, A. Alonso-Herrero, F. Figueras, C. Hernández-Monteagudo, A. Sánchez-Lavega, S. Pérez-Hoyos (eds.), 2017 , p. 447-452".

76 Title of the work: CARMENES: an overview six months after first light

Name of the conference: SPIE: Observatory Operations: Strategies, Processes, and Systems VI

Corresponding author: No

City of event: Edinburgh, United Kingdom

Date of event: 26/06/2016

End date: 26/06/2016

City organizing entity: Las Rozas,

Andreas Quirrenbach; J. Antonio Caballero; Other authors; Enrique Solano Márquez.

77 Title of the work: CARMENES: data flow

Name of the conference: SPIE: Observatory Operations: Strategies, Processes, and Systems VI

Corresponding author: No



City of event: Edinburgh, United Kingdom

Date of event: 26/06/2016

End date: 26/06/2016

City organizing entity: Las Rozas,

José Antonio Caballero; J. Guàrdia; Mauro López del Fresno; Enrique Solano Márquez.

78 Title of the work: Properties of meteoroids derived using narrow-band photometry

Name of the conference: Meteoroids 2016

Corresponding author: No

City of event: Noordwijk, Holland

Date of event: 06/06/2016

End date: 10/06/2016

Francisco Ocaña; Jaime Zamorano; Enrique Solano.

79 Title of the work: GTC/OSIRIS Observations of RWT 152, a Case Study of a Planetary Nebula With an sdO Central Star

Name of the conference: The Physics of Evolved Stars: A Conference Dedicated to the Memory of Olivier Chesneau

City of event: Niza, France

Date of event: 12/2015

Alba Aller Egea; Luis Felipe Miranda; L Olgúin; Enrique Solano; Ana Ulla. "EAS Publications Series, Volume 71-72, 2015, pp.305-308".

80 Title of the work: The GTC Public Archive

Name of the conference: Science Operations 2015: Science Data Management

City of event: Garching bei Munchen, Germany

Date of event: 24/11/2015

End date: 27/11/2015

José Manuel Alacid Polo; Enrique Solano. "Online at <https://www.eso.org/sci/meetings/2015/SciOps2015.html>, id.4".

81 Title of the work: The daily life of a medium-size Data Centre. The CAB astronomical data center

Name of the conference: Science Operations 2015: Science Data Management

City of event: Garching bei Munchen, Germany

Date of event: 24/11/2015

End date: 27/11/2015

Enrique Solano. "Online at <https://www.eso.org/sci/meetings/2015/SciOps2015.html>, id.1".

82 Title of the work: The ARCHES projects

Name of the conference: Astronomical Data Analysis Software and Systems XXV (ADASS XXV)

City of event: Sydney, Australia

Date of event: 25/10/2015

End date: 29/10/2015

Christian Motch; Francisco Carrera; Francisco Jiménez Esteban; and 11 co-authors. "Proceedings of Astronomical Data Analysis Software and Systems XXV (ADASS XXV). Edited by N. P. F. Lorente, & K. Shortridge (San Francisco: ASP). Bibliographic Code: 2016arXiv160900809M".

83 Title of the work: The Gran Telescopio Canarias Archive and the OSIRIS Catalogue

Name of the conference: Astronomical Data Analysis Software and Systems XXV (ADASS XXV)

Corresponding author: Yes

City of event: Sydney, Australia



Date of event: 25/10/2015

End date: 29/10/2015

Enrique Solano; José M. Alacid; H. Bouy; Francisco Jiménez Esteban. "Proceedings of Astronomical Data Analysis Software and Systems XXV (ADASS XXV). Edited by N. P. F. Lorente, & K. Shorridge (San Francisco: ASP). Bibliographic Code: 2016arXiv160900809M".

- 84 Title of the work:** VOSA: A VO Spectral Energy Distribution Analyzer
Name of the conference: Astronomical Data Analysis Software and Systems XXV (ADASS XXV)
Corresponding author: No
City of event: Sydney, Australia
Date of event: 25/10/2015
End date: 29/10/2015

Carlos Rodrigo; Amelia Bayo; Enrique Solano. "Proceedings of Astronomical Data Analysis Software and Systems XXV (ADASS XXV). Edited by N. P. F. Lorente, & K. Shorridge (San Francisco: ASP). Bibliographic Code: 2016arXiv160900809M".

- 85 Title of the work:** Light Pollution REECL Spanish SQM Network
Name of the conference: IAU General Assembly #29
City of event: Honolulu,
Date of event: 03/08/2015
End date: 14/08/2015

Jaime Zamorano; Alejandro Sánchez de Miguel; Miguel Nievas; Carlos Tapias; Francisco Ocaña; Jaime Izquierdo; Jesús Gallego; Sergio Pascual; Francisco Colomer; Salvador Bará; Salvador Ribas; Ángel Morales; Enric Marco; Casiana Muñoz Tuñón; Enrique Solano Márquez.

- 86 Title of the work:** ASTERICS. The Virtual Observatory and the ESFRI Infrastructures
Name of the conference: European Week of Astronomy and Space Science
Type of event: Conference
Reasons for participation: Open access
City of event: La Laguna,
Date of event: 22/06/2015
End date: 26/06/2015
Organising entity: European Astronomical Society

- 87 Title of the work:** Science with the GTC archive
Name of the conference: European Week of Astronomy and Space Science
Type of event: Conference
Reasons for participation: Open access
City of event: La Laguna,
Date of event: 22/06/2015
End date: 26/06/2015
Organising entity: European Astronomical Society

- 88 Title of the work:** Sharing and exploiting data in the VO era
Name of the conference: European Week of Astronomy and Space Science
Type of event: Conference
Reasons for participation: Open access
City of event: La Laguna,
Date of event: 22/06/2015
End date: 26/06/2015
Organising entity: European Astronomical Society



- 89** **Title of the work:** VOSA: SED building and analysis of thousands of stars in the framework of Gaia
Name of the conference: The Milky Way Unravelling by Gaia: GREAT Science from the Gaia Data Releases
City of event: Barcelona,
Date of event: 01/12/2014
End date: 05/12/2014
Carlos Rodrigo Blanco; Enrique Solano Márquez. "<http://dx.doi.org/10.1051/eas/1567088>".
- 90** **Title of the work:** TOUCAN: A VO tool for asteroseismology. Scientific preparation and exploitation of the PLATO mission.
Name of the conference: XI Scientific Meeting of the Spanish Astronomical Society (SEA)
Type of event: Conference **Geographical area:** National
Type of participation: Participatory - invited / keynote talk **Reasons for participation:** Upon invitation
City of event: Teruel, Spain
Date of event: 09/09/2014
End date: 09/09/2014
Type of contribution: Scientific book or monograph
Carlos Rodrigo Blanco; Juan Carlos Suárez; Enrique Solano Márquez.
- 91** **Title of the work:** Identification and characterization of low-mass stars and brown dwarfs using Virtual Observatory tools.
Name of the conference: XI Scientific Meeting of the Spanish Astronomical Society (SEA)
Type of event: Conference **Geographical area:** National
Type of participation: Participatory - invited / keynote talk **Reasons for participation:** Upon invitation
City of event: Teruel, Spain
Date of event: 09/09/2014
End date: 09/09/2014
Type of contribution: Scientific book or monograph
Miriam Aberasturi Vega; Enrique Solano Márquez; Eduardo Martín Guerrero de Escalante.
- 92** **Title of the work:** J-PAS: The Javalambre-Physics of the Accelerated Universe Astrophysical Survey
Name of the conference: XI Scientific Meeting of the Spanish Astronomical Society (SEA)
Type of event: Conference **Geographical area:** National
Type of participation: Participatory - invited / keynote talk **Reasons for participation:** Upon invitation
City of event: Teruel, Spain
Date of event: 09/09/2014
End date: 09/09/2014
Type of contribution: Scientific book or monograph
Ignacio Benítez; et al (including Solano).
- 93** **Title of the work:** Ten years of the Spanish Virtual Observatory
Name of the conference: XI Scientific Meeting of the Spanish Astronomical Society (SEA)
Type of event: Conference **Geographical area:** National
Type of participation: Participatory - invited / keynote talk **Reasons for participation:** Upon invitation
City of event: Teruel, Spain
Date of event: 09/09/2014
End date: 09/09/2014



Type of contribution: Scientific book or monograph
Enrique Solano Márquez.

- 94** **Title of the work:** Educational and Outreach activities in the Spanish Virtual Observatory
Name of the conference: XI 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: Teruel, Spain
Date of event: 08/09/2014
End date: 08/09/2014
Type of contribution: Scientific book or monograph
Enrique Solano Márquez.
- 95** **Title of the work:** Detectability of Habitable Planets around Very Low-Mass Stars
Name of the conference: XIV Latin American Regional IAU Meeting
City of event: Florianópolis, Brazil
Date of event: 25/11/2013
End date: 29/11/2013
E. Martioli; Eduardo L. Martín Guerrero de Escalante; Juan Cabrera; Enrique Solano; Ramarao Tata.
"Revista Mexicana de Astronomía y Astrofísica (Serie de Conferencias) 2014RMxAC..44....8M".
- 96** **Title of the work:** Physical parameters of young M-type stars and brown dwarfs with VOSA
Name of the conference: International Workshop on Spectral Stellar Libraries
Type of event: Conference **Geographical area:** Non EU International
Type of participation: Participatory - invited / keynote talk **Reasons for participation:** Upon invitation
City of event: Lyon, France
Date of event: 14/10/2013
End date: 17/10/2013
Organising entity: University of Lyon
City organizing entity: Lyon, France
With external admission assessment committee: Yes
Type of contribution: Scientific paper
Amelia Bayo; Carlos Rodrigo; David Barrado; Enrique Solano; France Allard; Viki Joergens. En: Astronomical Society of India.
- 97** **Title of the work:** Spectral stellar libraries and the Virtual Observatory
Name of the conference: International Workshop on Spectral Stellar Libraries
Type of event: Conference **Geographical area:** Non EU International
Type of participation: Participatory - invited / keynote talk **Reasons for participation:** Upon invitation
City of event: Lyon, France
Date of event: 14/10/2013
End date: 17/10/2013
Organising entity: University of Lyon
City organizing entity: Lyon, France
With external admission assessment committee: Yes
Type of contribution: Scientific paper
Enrique Solano. En: Astronomical Society of India.



- 98** **Title of the work:** The Gran Telescopio Canarias and Calar Alto Virtual Observatory Compliant Archives
Name of the conference: Astronomical Data Analysis Software and Systems XXIII
Type of event: Conference **Geographical area:** Non EU International
Type of participation: Participatory - oral communication **Reasons for participation:** Open access
City of event: Hawaii, United States of America
Date of event: 29/09/2013
End date: 03/10/2013
City organizing entity: United States of America
With external admission assessment committee: Yes
Type of contribution: Scientific paper
José Manuel Alacid Polo; Enrique Solano Márquez; Francisco Jiménez Esteban; Almudena Velasco Trasmonte. "The Gran Telescopio Canarias and Calar Alto Virtual Observatory Compliant Archives". En: Proceedings of the Astronomical Data Analysis Software and Systems XXIII. 485, pp. 167. Available on-line at: <2014ASPC..485..167A>.
- 99** **Title of the work:** VOSA: A VO Spectral Energy Distribution Analyzer
Name of the conference: Astronomical Data Analysis Software and Systems XXIII
Type of event: Conference **Geographical area:** Non EU International
Type of participation: Participatory - oral communication **Reasons for participation:** Open access
City of event: Hawaii, United States of America
Date of event: 29/09/2013
End date: 03/10/2013
City organizing entity: France
With external admission assessment committee: Yes
Type of contribution: Scientific paper
Carlos Rodrigo Blanco; Amelia Bayo Arán; Enrique Solano Márquez; David Barrado y Nasqués. "VOSA: A VO Spectral Energy Distribution Analyzer". En: Proceedings of the Astronomical Data Analysis Software and Systems XXIII. 485, pp. 321. Available on-line at: <2014ASPC..485..321R>.
- 100** **Title of the work:** Theoretical properties of regularities in the oscillation spectra of A-F main-sequence stars
Name of the conference: Precision Asteroseismology. IAU Symposium
City of event: Wrocław, Poland
Date of event: 19/08/2013
End date: 23/08/2013
Juan Carlos Suárez Yanes; Antonio García Hernández; Andrés Moya Bedón; Carlos Rodrigo Blanco; Enrique Solano Márquez; Rafael Garrido Haba; José Ramón Rodón. "Proceedings of the International Astronomical Union, IAU Symposium. Precision Asteroseismology".
- 101** **Title of the work:** CoRoT and the Virtual Observatory
Name of the conference: 11th CoRoT Week
City of event: La Laguna, Canarias, Spain
Date of event: 19/03/2013
End date: 22/03/2013
Organising entity: Instituto de Astrofísica de Canarias **Type of entity:** Public Research Body
City organizing entity: La Laguna, Canarias, Spain
- 102** **Title of the work:** Photometry and the Virtual Observatory
Name of the conference: X Scientific Meeting of the Spanish Astronomical Society (SEA)
City of event: Valencia, Spain



Date of event: 09/07/2012

End date: 13/07/2012

Carlos Rodrigo Blanco; Enrique Solano Márquez.

- 103 Title of the work:** Teaching astronomy and astrophysics at the Valencian International University (VIU): Application and use of Virtual Observatory tools
Name of the conference: X Scientific Meeting of the Spanish Astronomical Society (SEA)
City of event: Valencia, Spain
Date of event: 09/07/2012
End date: 13/07/2012
Pascual David Diago NEBot; Juan Gutiérrez Soto; Enrique Solano Márquez. "Teaching astronomy and astrophysics at the Valencian International University (VIU): Application and use of Virtual Observatory tools".
- 104 Title of the work:** Explotación científica de los archivos de GTC y Calar Alto.
Name of the conference: X Reunión Científica de la Sociedad Española de Astronomía
City of event: Valencia,
Date of event: 07/2012
- 105 Title of the work:** OMC automatic variable star classification
Name of the conference: X Reunión científica de la Sociedad Española de Astronomía.
City of event: Valencia,
Date of event: 07/2012
Enrique Solano; Mauro López del Fresno.
- 106 Title of the work:** Un proyecto de ciencia ciudadana para la identificación de NEAs utilizando archivos astronómicos.
Name of the conference: X Reunión científica de la Sociedad Española de Astronomía.
City of event: Valencia,
Date of event: 07/2012
Enrique Solano; Carlos Rodrigo.
- 107 Title of the work:** Efficient identification of cool stars and brown dwarfs with solar and sub-solar abundances using Virtual Observatory tools.
Name of the conference: Cool Stars #17
City of event: Basrcelona, Spain
Date of event: 06/2012
Benjamín Montesinos; María R. Zapatero Osorio; Marcela Espinosa Contreras; Eduardo L. MArtín; José A. Caballero; M. Cruz Gálvez Ortiz; Nicolas Lodieu; Miriam Aberasturi; Enrique Solano.
- 108 Title of the work:** CARMENES. I: instrument and survey overview
Name of the conference: SPIE: Observatory Operations: Strategies, Processes, and Systems IV
City of event: Amsterdam,
Date of event: 2012
Quirrenbach, Andreas; Amado, Pedro J.; Seifert, Walter; Sánchez Carrasco, Miguel A.; Mandel, Holger; Caballero, Jose A.
- 109 Title of the work:** Physical parameters of Brown Dwarfs in Cha I with VOSA
Name of the conference: 50 Years of Brown Dwarfs: from Theoretical Prediction to Astrophysical Studies.
City of event: Germany
Date of event: 2012

**Organising entity:** MPIA

Francisco Jiménez Esteban; France Allard; María Morales Calderón; Hervé Bouy; Benjamín Montesinos; Enrique Solano; Rubén Sánchez Janssen; David Barrado y Navascués; Carlos Rodrigo; Amelia Bayo.

- 110 Title of the work:** TESELA: A New Virtual Observatory Tool to Determine Blank Fields
Name of the conference: Astronomical Data Analysis Software and Systems XXI.
Type of participation: Participatory - poster
City of event: París, France
Date of event: 2012
Cardiel, N.; Jiménez-Esteban, F. M.; Alacid, J. M.; Solano, E.; Aberasturi, M.
- 111 Title of the work:** The Gran Telescopio Canarias and Calar Alto Virtual Observatory compliant archives
Name of the conference: SPIE: Observatory Operations: Strategies, Processes, and Systems IV
City of event: Amsterdam,
Date of event: 2012
Solano, Enrique; Gutiérrez, Raúl; Alacid, José Manuel; Jiménez-Esteban, Francisco; Velasco Trasmonte, Almudena.
- 112 Title of the work:** VOTA: a virtual observatory tool for asteroseismology
Name of the conference: 20th Stellar Pulsation Conference Series
City of event: Granada, Spain
Date of event: 09/2011
"<http://stellarpulsations.iaa.es/content/scientific-program>".
- 113 Title of the work:** PHA's precovery using the Virtual Observatory
Name of the conference: II Encuentro de Exploración del Sistema Solar
City of event: Bilbao, Spain
Date of event: 06/2011
Ovidiu Vaduvescu; Carlos Rodrigo; Enrique Solano. "ISBN 978-84-95809-91-9".
- 114 Title of the work:** The Virtual Observatory in action
Name of the conference: Semaine de l'Astrophysique française
City of event: París, France
Date of event: 06/2011
"http://lesia.obspm.fr/semaine-sf2a/2011/workshop_page.php?workshop=S%C3%A9ance%20pl%C3%A9ni%C3%A8re%20SF2A&workshop_code=A00&lang=fr".
- 115 Title of the work:** AVOCADO: A Virtual Observatory Census to Address Dwarfs Origins
Name of the conference: IAUS 277: Tracing the ancestry of galaxies (on the land of our ancestors)
City of event: Burkina Fasso
Date of event: 12/2010
- 116 Title of the work:** Identifying and characterizing ultracool dwarfs using Virtual Observatory tools to mine large databases
Name of the conference: First VVV Science Meeting
City of event: Viña del Mar, Chile
Date of event: 12/2010
City organizing entity: Viña del MAr, Chile
María R. Zapatero Osorio; Enrique Solano; Miriam Aberasturi; Eduardo L. Martín.



- 117** **Title of the work:** Actividades educativas en el marco del Observatorio Virtual Español
Name of the conference: IV Workshop de Telescopios Robóticos en España
City of event: Valencia, Spain
Date of event: 11/2010
- 118** **Title of the work:** Planet erosion by coronal radiation
Name of the conference: IX Reunión Científica de la Sociedad Española de Astronomía
Corresponding author: No
City of event: Madrid, Madrid, Comunidad de, Spain
Date of event: 13/09/2010
End date: 17/09/2010
Jorge Sanz Forcada; Ignasi Ribas; G Micela; A. Pollock; D. García Álvarez; et al."2011hsa6.conf..607S".
- 119** **Title of the work:** The GTC scientific archive
Name of the conference: IX Reunión Científica de la Sociedad Española de Astronomía
Corresponding author: No
City of event: Madrid, Madrid, Comunidad de, Spain
Date of event: 13/09/2010
End date: 17/09/2010
Raúl Guitérrez; Enrique Solano. "2011hsa6.conf..775G".
- 120** **Title of the work:** Theoretical models in the Virtual Observatory
Name of the conference: IX Reunión Científica de la Sociedad Española de Astronomía
Corresponding author: No
City of event: Madrid, Madrid, Comunidad de, Spain
Date of event: 13/09/2010
End date: 17/09/2010
Carlos Rodrigo; Enrique Solano. "2011hsa6.conf..509R".
- 121** **Title of the work:** New functionalities of VOSA
Name of the conference: IX Reunión Científica de la Sociedad Española de Astronomía
Corresponding author: No
City of event: Madrid, Madrid, Comunidad de, Spain
Date of event: 13/09/2010
End date: 17/09/2010
Miriam Aberasturi; Carlos Rodrigo; Enrique Solano; Amelia Bayo; et al."2011hsa6.conf..523A".
- 122** **Title of the work:** The Calar Alto Observatory: current status and future instrumentation
Name of the conference: IX Reunión Científica de la Sociedad Española de Astronomía
Corresponding author: No
City of event: Madrid, Madrid, Comunidad de, Spain
Date of event: 13/09/2010
End date: 17/09/2010
David Barrado y Navascués; Uli Thiele; Jesús Aceituno; Santos Pedraz; S.F Sánchez; et al."2011hsa6.conf..637B".
- 123** **Title of the work:** The Virtual Observatory in the classroom
Name of the conference: IX Reunión Científica de la Sociedad Española de Astronomía
Corresponding author: No
City of event: Madrid, Madrid, Comunidad de, Spain
Date of event: 13/09/2010



End date: 17/09/2010

Miriam Aberasturi; Enrique Solano. "2011hsa6.conf..547R".

- 124** **Title of the work:** VOSED: a Virtual Observatory tool to build and analyze SEDs
Name of the conference: IX Reunión Científica de la Sociedad Española de Astronomía
Corresponding author: No
City of event: Madrid, Madrid, Comunidad de, Spain
Date of event: 13/09/2010
End date: 17/09/2010
Raúl Guitérrez; Enrique Solano; Luis M. Sarro; R. Resa. "2011hsa6.conf..776G".
- 125** **Title of the work:** Planets and X-rays: a Radiation
Name of the conference: 16th Cambridge Workshop on Cool Stars, Stellar Systems, and the Sun
Corresponding author: No
City of event: Seattle, United States of America
Date of event: 28/08/2010
End date: 02/09/2010
Jorge Sanz; Ignasi Ribas; G. Micela; Andy Pollock; D. García Álvarez; et al.
- 126** **Title of the work:** New Generation Stellar Physics: Asteroseismology & Virtual Observatory.ar Physics: Asteroseismology & Virtual Observatory.
Name of the conference: IV International Helas Conference
City of event: Lanzarote, Canarias, Spain
Date of event: 02/2010
Juan Carlos Suárez; Enrique Solano Márquez; Carlos Rodrigo Blanco; Andrés Moya; Antonio García Hernández. "2010arXiv1004.0612S".
- 127** **Title of the work:** X-exoplanets: an X-ray and EUV database for exoplanets
Name of the conference: Solar and Stellar Variability: Impact on Earth and Planets
Corresponding author: No
Date of event: 02/2010
End date: 02/2010
Jorge Sanz; D. García Álvarez; Almudena Velasco; Enrique Solano; Ignasi Ribas; G. Micela; Andy Pollock; et al. "2010IAUS..264..478S".
- 128** **Title of the work:** X-Exoplanets: An X-ray and EUV Database for Exoplanets
Name of the conference: Pathways Towards Habitable Planets
Type of participation: Participatory - poster
City of event: Barcelona, Cataluña, Spain
Date of event: 09/2009
Jorge Sanz Forcada; David García Álvarez; Almudena Velasco Trasmonte; Enrique Solano Márquez; Ignasi Ribas; G. Micela; Andrew Pollock. "2010ASPC..430..530S".
- 129** **Title of the work:** Discovery of ultracool subdwarfs using Virtual Observatory tools
Name of the conference: Workshop on Recipes for making brownies: theory vs. observations.
City of event: Noordwijck, Holland
Date of event: 09/2009
Enrique Solano Márquez; Nicolas Lodieu; Miriam Aberasturi Vega; María Rosa Zapatero Osorio; Eduardo Martín Guerrero de Escalante.



- 130 Title of the work:** Física Estelar de última generación. Astrosismología y VO
Name of the conference: XXXII Bienal de Física
Type of participation: Participatory - oral communication
City of event: Ciudad Real, Castilla-La Mancha, Spain
Date of event: 09/2009
et al.; Enrique Solano Márquez; Juan Carlos Suárez.
- 131 Title of the work:** Protoplanetary discs of isolated VLMOs discovered in the IPHAS survey
Name of the conference: Workshop on Recipes for making brownies: theory vs. observations.
City of event: Noordwijck, Holland
Date of event: 09/2009
et al.; Enrique Solano Márquez; Hervé Bouy; Eduardo Martín Guerrero de Escalante; Luisa Valdivielso Casas.
- 132 Title of the work:** X-Exoplanets: An X-ray and EUV Database for Exoplanets
Name of the conference: Solar and Stellar Variability: Impact on Earth and Planets. IAU Symposium
Type of participation: Participatory - poster
City of event: Río de Janeiro, Brazil
Date of event: 08/2009
Jorge Sanz Forcada; David García Álvarez; Almudena Velasco Trasmonte; Enrique Solano Márquez; Ignasi Ribas; G. Micela; Andrew Pollock. "2010IAUS..264..478S".
- 133 Title of the work:** The CoRoT Public Archive at LAEX
Name of the conference: CoRoT 2009
Type of participation: Participatory - poster
City of event: París, France
Date of event: 02/2009
Luis Manuel Sarro Baro; Mauro López del Fresno; Raúl Gutiérrez Sánchez; Almudena Velasco Trasmonte; Enrique Solano Márquez.
- 134 Title of the work:** High resolution spectroscopic characterization of the FGK stars in the Solar neighbourhood
Name of the conference: 15th Cambridge Workshop on Cool Stars, Stellar Systems and the Sun
Type of participation: Participatory - poster
Corresponding author: No
Date of event: 02/2009
Raquel Martínez; Jesús Maldonado; David Montes; Carlos Eiroa; Benjamín Montesinos; et al. "2009AIPC.1094..465M".
- 135 Title of the work:** An IPHAS-based search for accreting very low-mass objects using VO tools
Name of the conference: Multiwavelength Astronomy & the Virtual Observatory
Type of participation: Participatory - poster
City of event: Madrid, Madrid, Comunidad de, Spain
Date of event: 12/2008
Organising entity: AGENCE SPATIALE EUROPEENE ESA - ESAC
Luisa Valdivielso; Eduardo Martín Guerrero de Escalante; Hervé Bouy; Enrique Solano Márquez; Janet Drew Drew; R. Greimel; Raúl Gutiérrez Sánchez; Y.C. Unruh; J.S. Vink. "2009mavo.proc..175V".
- 136 Title of the work:** The SVO role in the preparation of the "First Science with the GTC"
Name of the conference: Multiwavelength Astronomy & the Virtual Observatory
Type of participation: Participatory - poster



City of event: Madrid, Madrid, Comunidad de, Spain

Date of event: 12/2008

Organising entity: AGENCE SPATIALE EUROPEENE ESA - ESAC

Enrique Solano Márquez; Francisco Jiménez Esteban. "2009mavo.proc..107J".

137 Title of the work: VO Science in the Spanish Virtual Observatory

Name of the conference: Multiwavelength Astronomy & the Virtual Observatory

Type of participation: Participatory - oral communication

City of event: Madrid, Madrid, Comunidad de, Spain

Date of event: 12/2008

Organising entity: AGENCE SPATIALE EUROPEENE ESA - ESAC

Enrique Solano Márquez. "2009mavo.proc..147S".

138 Title of the work: Micro-simulations xtrap the VO: the BaSTI case

Name of the conference: Astronomical Data Analysis Software & Systems XVIII

Type of participation: Participatory - poster

City of event: Québec, Canada

Date of event: 11/2008

Patricia Manzato; Marco Molinaro; F. Gasparo; Fabio Pasian; A. Pietrinferni; Santi Cassisi; Carlos Rodrigo Blanco; Miguel Cerviño Saavedra; Enrique Solano Márquez. "2009ASPC..411..446M".

139 Title of the work: Science with Virtual Observatories

Name of the conference: VIII Reunión Científica de la Sociedad Española de Astronomía

Type of participation: Participatory - invited / keynote talk

City of event: Santander, Spain

Date of event: 07/2008

"2010hsa5.conf..227S".

140 Title of the work: Archivo VO de la antena DSS-63 de Robledo

Name of the conference: VIII Reunión Científica de la Sociedad Española de Astronomía

Type of participation: Participatory - poster

City of event: Santander, Spain

Date of event: 07/2008

José Manuel Alacid Polo; José Enrique Ruiz del Mazo; Raúl Gutiérrez Sánchez; Ricardo Rizzo; Lourdes Verdes-Montenegro; Enrique Solano Márquez; Juan de Dios Santander Vela. "2010hsa5.conf..464A".

141 Title of the work: Búsqueda de nuevas subenanas calientes con ayuda del Observatorio Virtual

Name of the conference: VIII Reunión Científica de la Sociedad Española de Astronomía

Type of participation: Participatory - poster

City of event: Santander, Spain

Date of event: 07/2008

Cristina Rodríguez López; Raquel Oreiro; Miguel García Torres; Enrique Solano Márquez; Ana Ulla Miguel. "2010hsa5.conf..531R".

142 Title of the work: Desarrollo de un sistema de clasificación supervisada para el archivo OMC

Name of the conference: VIII Reunión Científica de la Sociedad Española de Astronomía

Type of participation: Participatory - poster

City of event: Santander, Spain

Date of event: 07/2008

Mauro López del Fresno; Luis Manuel Sarro Baro; Enrique Solano Márquez; Raúl Gutiérrez Sánchez; Jonas Debosscher. "2010hsa5.conf..509L".



- 143 Title of the work:** Desarrollo de una Herramienta de Observatorio Virtual para la caracterización de objetos estelares en el marco del proyecto DUNES
Name of the conference: VIII Reunión Científica de la Sociedad Española de Astronomía
Type of participation: Participatory - poster
City of event: Santander, Spain
Date of event: 07/2008
Raúl Gutiérrez Sánchez; Enrique Solano Márquez; María Arévalo; Carlos Eiroa. "2010hsa5.conf..503G".
- 144 Title of the work:** High Resolution Spectroscopic Characterization of the FGK Stars in the Solar Neighbourhood
Name of the conference: VIII Reunión Científica de la Sociedad Española de Astronomía
Type of participation: Participatory - poster
Corresponding author: No
City of event: Santander, Spain
Date of event: 07/2008
R. Martínez Arnáiz; J. Maldonado; David Montes; Carlos Eiroa; Benjamín Montesinos; et al."2010ASSP...14..423M".
- 145 Title of the work:** High resolution spectroscopic characterization of the FGK stars in the Solar neighbourhood
Name of the conference: 5th workshop on Cool Stars, Stellar Systems and the Sun
Type of participation: Participatory - poster
City of event: Saint Andrews, United Kingdom
Date of event: 07/2008
Raquel Martínez Arnáiz; Jesús Maldonado; David Montes; Carlos Eiroa; Benjamín Montesinos Comino; Ignasi Ribas; Enrique Solano Márquez. "2010hsa5.conf..423M".
- 146 Title of the work:** Radio Astronomy Data Model for Single-Dish Multiple-Feed Telescopes, and Robledo Archive Architecture.
Name of the conference: VIII Reunión Científica de la Sociedad Española de Astronomía
Type of participation: Participatory - poster
City of event: Santander, Spain
Date of event: 07/2008
Juan de Dios Santander Vela; Emilio García; José Francisco Gómez; Lourdes Verdes-Montenegro; Stephane Leon; Raúl Gutiérrez Sánchez; Carlos Rodrigo Blanco; Óscar Morata; Enrique Solano Márquez; Olga Suárez.
- 147 Title of the work:** The CoRoT Archive at LAEFF
Name of the conference: VIII Reunión Científica de la Sociedad Española de Astronomía
Type of participation: Participatory - poster
City of event: Santander, Spain
Date of event: 07/2008
Almudena Velasco Trasmonte; Raúl Gutiérrez Sánchez; Enrique Solano Márquez; Miguel García Torres; Mauro López del Fresno; Luis Manuel Sarro Baro. "2010hsa5.conf..545V".
- 148 Title of the work:** The INTEGRAL-OMC Scientific Archive
Name of the conference: VIII Reunión Científica de la Sociedad Española de Astronomía
Type of participation: Participatory - poster
City of event: Santander, Spain
Date of event: 07/2008



Albert Domingo Garau; Raúl Gutiérrez Sánchez; Daniel Rísquez; María Dolores Caballero García; José Miguel Mas Hesse; Enrique Solano Márquez. "2010hsa5.conf..493D".

- 149 Title of the work:** Theoretical models in the VO
Name of the conference: VIII Reunión Científica de la Sociedad Española de Astronomía
Type of participation: Participatory - oral communication
City of event: Santander, Spain
Date of event: 07/2008
Carlos Rodrigo Blanco; Enrique Solano Márquez. "2010hsa5.conf..529R".
- 150 Title of the work:** Searching for Very Low-Mass Stars and Brown Dwarfs with the Spanish Virtual Observatory
Name of the conference: JENAM-2007, "Our non-stable Universe"
Type of participation: Participatory - poster
Corresponding author: No
City of event: yerevan, Armenia
Date of event: 20/08/2007
End date: 25/08/2007
Eduardo Martín; Enrique Solano; Luisa Valdivielso; J.A. Caballero; R. Tata. "2007jena.confE..81M".
- 151 Title of the work:** Stellar Population Challenge: analysis of M67 with the VO
Name of the conference: Stellar Populations as Building Blocks of Galaxies, IAU Symposium #241
Type of participation: Participatory - poster
Corresponding author: No
Date of event: 08/2007
End date: 08/2007
Miguel Cerviño; Raúl Gutiérrez; Enrique Solano. "2007IAUS..241..173C".
- 152 Title of the work:** Synthesis models in the VO framework
Name of the conference: Stellar Populations as Building Blocks of Galaxies, IAU Symposium #241
Type of participation: Participatory - poster
Corresponding author: No
Date of event: 08/2007
End date: 08/2007
Miguel Cerviño; Elena Terlevich; Roberto Terlevich; Carlos Rodrigo; V. Luridiana; et. al."2007IAUS..241..171C".
- 153 Title of the work:** VO science. The Spanish Virtual Observatory
Name of the conference: seventh Scientific Meeting of the Spanish Astronomical Society
Type of participation: Participatory - poster
Corresponding author: Yes
City of event: Barcelona, Spain
Date of event: 12/09/2006
End date: 15/09/2006
Enrique Solano. "2007hsa.conf..345S".
- 154 Title of the work:** Brown dwarfs and star forming regions in the framework of the Spanish Virtual Observatory
Name of the conference: IAU XXVI General Assembly,
Type of participation: Participatory - poster
Corresponding author: Yes



City of event: Prague, Czech Republic

Date of event: 14/08/2006

End date: 25/08/2006

Enrique Solano; Eduardo Martín; J.A. Caballero. "2007HiA....14..597S".

155 Title of the work: Criteria for spectral classification of cool stars using high-resolution spectra

Name of the conference: IAU XXVI General Assembly,

Type of participation: Participatory - poster

Corresponding author: No

City of event: Prague, Czech Republic

Date of event: 14/08/2006

End date: 25/08/2006

David Montes; Raquel Martínez; Jesús Maldonado; Juan Roa; Javier López Santiago; et. al."2007HiA....14..598M".

156 Title of the work: VOSED: a tool for the characterization of developing planetary systems

Name of the conference: IAU XXVI General Assembly,

Type of participation: Participatory - poster

Corresponding author: Yes

City of event: Prague, Czech Republic

Date of event: 14/08/2006

End date: 25/08/2006

Enrique Solano; Raúl Gutiérrez; Arancha Delgado; L.M. Sarro; Bruno Merín; et. al."2007HiA....14R.634S".

157 Title of the work: Astronomy in the framework of the Virtual Observatory

Name of the conference: Astronomical Data Analysis Software and Systems XV

Type of participation: Participatory - invited / keynote talk

Corresponding author: Yes

City of event: San Lorenzo del Escorial, Madrid, Comunidad de, Spain

Date of event: 02/10/2005

End date: 05/10/2005

Enrique Solano. "2006ASPC..351..601S".

158 Title of the work: The Spanish Virtual Observatory (SVO)

Name of the conference: Astronomical Data Analysis Software and Systems XV

Type of participation: Participatory - poster

Corresponding author: Yes

City of event: San Lorenzo del Escorial, Madrid, Comunidad de, Spain

Date of event: 02/10/2005

End date: 05/10/2005

Raúl Gutiérrez; Enrique Solano. "2006ASPC..351...19G".

159 Title of the work: Virtual Observatory: What Is It and How Can It Help Me?

Name of the conference: Astrophysics of Variable Stars

Type of participation: Participatory - poster

Corresponding author: Yes

City of event: Pecs, Hungary

Date of event: 05/09/2005

End date: 10/09/2005

Enrique Solano. "2006ASPC..349...29S".



- 160** **Title of the work:** MMDSL: a Multi-Mission Data Server at LAEFF
Name of the conference: Astronomical Data Analysis Software and Systems XIII
Type of participation: Participatory - poster
Corresponding author: Yes
City of event: Strasbourg, France
Date of event: 12/10/2003
End date: 15/10/2003
Enrique Solano; Raúl Gutiérrez; Benjamín Montesinos; Carmen Morales; J García.
"2004ASPC..314..265S".
- 161** **Title of the work:** The Optical Monitoring Camera Data Server: Contents and Functionalities
Name of the conference: Astronomical Data Analysis Software and Systems XIII
Type of participation: Participatory - poster
Corresponding author: No
City of event: Strasbourg, France
Date of event: 12/10/2003
End date: 15/10/2003
Raúl Gutiérrez; Enrique Solano; Albert Domingo; J García. "2004ASPC..314..153G".
- 162** **Title of the work:** Development of a Multi-Mission Data Server at LAEFF
Name of the conference: Toward an International Virtual Observatory:
Type of participation: Participatory - poster
Corresponding author: No
City of event: Garching, France
Date of event: 10/06/2002
End date: 14/06/2002
Raúl Gutiérrez; Enrique Solano; Benjamín Montesinos; Carmen Morales; J García. "2004tivo.conf..314S".
- 163** **Title of the work:** INES: The Next Generation Astronomical Data Distribution System
Name of the conference: Astronomical Data Analysis Software and Systems X
Type of participation: Participatory - poster
Corresponding author: Yes
City of event: Boston, United States of America
Date of event: 12/11/2000
End date: 15/11/2000
Enrique Solano; Rosario González Riestra; A. Talavera; Fernando Rodríguez; A. De la Fuente; et al."2001ASPC..238..152S".
- 164** **Title of the work:** INES: The Next Generation Astronomical Data Distribution System
Name of the conference: Astronomical Data Analysis Software and Systems X
Type of participation: Participatory - poster
Corresponding author: No
City of event: Boston, United States of America
Date of event: 12/11/2000
End date: 15/11/2000
Rosario González Riestra; Enrique Solano; A. Talavera; Fernando Rodríguez; J. García; et al."2001ASPC..238..156G".
- 165** **Title of the work:** INES: The IUE archive in Spain
Name of the conference: 4th Scientific Meeting of the Spanish Astronomical Society
Type of participation: Participatory - poster



Corresponding author: No

City of event: Santiago de Compostela, Spain

Date of event: 11/09/2000

End date: 14/09/2000

Antonio Talavera García; Rosario González Riestra; Enrique Solano. "2001hsa..conf..341T".

166 Title of the work: Identification of λ Bootis stars using the INES archive

Name of the conference: 4th Scientific Meeting of the Spanish Astronomical Society

Type of participation: Participatory - poster

Corresponding author: Yes

City of event: Santiago de Compostela, Spain

Date of event: 11/09/2000

End date: 14/09/2000

Enrique Solano; Beatriz González García; Ernst Paunzen. "2001hsa..conf..404S".

167 Title of the work: Physical parameters for the EXPORT sample: rotational velocities and temperatures

Name of the conference: 4th Scientific Meeting of the Spanish Astronomical Society

Type of participation: Participatory - poster

Corresponding author: Yes

City of event: Santiago de Compostela, Spain

Date of event: 11/09/2000

End date: 14/09/2000

Enrique Solano; Benjamín Montesinos; A. Mora; et al."2001hsa..conf..405S".

168 Title of the work: Physical parameters for the EXPORT sample. Rotational velocities and effective temperatures

Name of the conference: Planetary Systems in the Universe, IAU Symposium #202

Type of participation: Participatory - poster

Corresponding author: Yes

City of event: Manchester, United Kingdom

Date of event: 07/08/2000

End date: 11/08/2000

Enrique Solano; Benjamín Montesinos; Alcione Mora; A. Alberdi; A. Collier-Cameron. "2004IAUS..202..127S".

169 Title of the work: Properties of the EXPORT sample: Spectral type determination

Name of the conference: Planetary Systems in the Universe, IAU Symposium #202

Type of participation: Participatory - poster

Corresponding author: No

City of event: Manchester, United Kingdom

Date of event: 07/08/2000

End date: 11/08/2000

Bruno Merín; Benjamín Montesinos; A. Alberdi; A. Collier-Cameron; J.K. Davies; et al."2004IAUS..202...87M".



Works submitted to national or international seminars, workshops and/or courses

- 1** **Title of the work:** Estudio de binarias de subananas quentes con Gaia EDR3 XP Spectra
Name of the event: I Galician Conference on Astronomy and Astrophysics
Type of event: Workshop
Corresponding author: No
Geographical area: European Union
City of event: Vigo, Galicia, Spain
Date of event: 17/07/2025
End date: 18/07/2025
Carlos Viscasillas; Markus Ambrosch; Ana Ulla; Enrique Solano Márquez; X. Pérez Couto; Esther Pérez Fernández; Minia Manteiga; Carlos Dafonte.
- 2** **Title of the work:** Discovery and characterization of Cataclysmic Variable stars using ZTF and the Virtual Observatory
Name of the event: Shaping the future of time domain astronomy with LSST
Type of event: Workshop
Corresponding author: Yes
Geographical area: Non EU International
City of event: Rion de Janeiro, Brazil
Date of event: 19/05/2025
End date: 23/05/2025
Enrique Solano Márquez; Luis M. Peci.
- 3** **Title of the work:** The Virtual Observatory
Name of the event: VOSS23
Type of event: Workshop
Corresponding author: Yes
Geographical area: Non EU International
City of event: Vatican City,
Date of event: 27/06/2024
End date: 27/06/2024
Enrique Solano Márquez.
- 4** **Title of the work:** Transient identification and characterization using the Virtual Observatory
Name of the event: 2nd Iberian White Dwarf
Type of event: Workshop
Corresponding author: Yes
Geographical area: European Union
City of event: Villanueva de la Cañada, Madrid, Comunidad de, Spain
Date of event: 19/02/2024
End date: 21/02/2024
Enrique Solano Márquez.
- 5** **Title of the work:** Transient identification and characterization using the Virtual Observatory
Name of the event: 14th Gaia Science Alerts and ORP Time-domain workshop
Type of event: Workshop
Corresponding author: Yes
Geographical area: European Union



City of event: La Valetta, Malta

Date of event: 02/10/2023

End date: 05/10/2023

Enrique Solano; Almudena Velasco; Carlos Rodrigo; Alessandro Ederoclite; Luis Miguel Peci.
Available on-line at: <<https://gsawg.wiki.ast.cam.ac.uk/index.php?title=Workshop2023:main> // <https://www.youtube.com/watch?v=jzlkFjEZVz0> (a partir de 04:46:30)>.

6 Title of the work: Transient characterization using the Virtual Observatory

Name of the event: The Milky Way Revealed by Gaia: The Next Frontier

Type of event: Workshop

Corresponding author: Yes

Geographical area: European Union

City of event: Barcelona, Spain

Date of event: 05/09/2023

End date: 07/09/2023

Organising entity: Action COST MWGaia

Enrique Solano Márquez. Available on-line at: <<https://indico.icc.ub.edu/event/252/>>.

7 Title of the work: VOPubs

Name of the event: IVOA Interoperability Meeting

Type of event: Workshop

Geographical area: Non EU International

City of event: online,

Date of event: 18/10/2022

End date: 20/10/2022

Enrique Solano Márquez.

8 Title of the work: Transient characterization using the Virtual Observatory

Name of the event: The transient sky with Gaia

Type of event: Workshop

Geographical area: European Union

City of event: online,

Date of event: 13/10/2022

End date: 14/10/2022

Enrique Solano Márquez.

9 Title of the work: Clusterix2.0 for Gaia EDR3

Name of the event: Star Clusters: the Gaia Revolution

Type of event: Workshop

Corresponding author: No

Geographical area: European Union

City of event: Barcelona, Spain

Date of event: 10/2021

End date: 10/2021

Lola Balaguez Núñez; Enrique Solano Márquez; David Galadí; Carme Jordi; Francisco Jiménez Esteban.
Available on-line at: <<https://indico.icc.ub.edu/event/252/>>.

10 Title of the work: Gaia EDR3 comparison of disk fractions from different spatial scales around young stellar clusters

Name of the event: Star Clusters: the Gaia Revolution

Type of event: Workshop



Corresponding author: No

Geographical area: European Union

City of event: Barcelona, Spain

Date of event: 10/2021

End date: 10/2021

Ignacio Mendigutía; Enrique Solano Márquez; Miguel Vioque; Álvaro Ribas. Available on-line at: <https://indico.icc.ub.edu/event/252/>.

11 Title of the work: The Virtual Observatory. A way to facilitate the synergies between Gaia and the ground-based facilities (

Name of the event: Expanding the Gaia Legacy: The role of Spanish ground-based facilities

Type of event: Workshop

Corresponding author: Yes

Geographical area: Non EU International

City of event: Barcelona, Spain

Date of event: 17/02/2020

End date: 19/02/2020

Organising entity: Gaia-RIA

Enrique Solano Márquez.

12 Title of the work: Colaboraciones Pro-Am en el marco del Observatorio Virtual

Name of the event: III Congreso Pro-Am

Type of event: Workshop

Geographical area: Non EU International

City of event: Huesca, Aragón, Spain

Date of event: 06/12/2019

End date: 08/12/2019

Enrique Solano Márquez.

13 Title of the work: Transient characterization using the Virtual Observatory

Name of the event: ESA/ESO sciops workshop 2019 "Cross Facilities Collaboration in the Multi Messenger Era"

Type of event: Workshop

Corresponding author: Yes

Geographical area: Non EU International

City of event: Villanueva de la Cañada, Madrid, Comunidad de, Spain

Date of event: 19/11/2019

End date: 22/11/2019

Enrique Solano Márquez; Carlos Rodrigo; Almudena Velasco.

14 Title of the work: Ongoing searches for ultracool dwarfs with VO

Name of the event: Second Euclid SMO Legacy Science Workshop:

Type of event: Workshop

Geographical area: Non EU International

City of event: Burdeos, France

Date of event: 10/10/2019

End date: 11/10/2019

Enrique Solano Márquez; M. Cruz Gálvez; Eduardo Martín.



- 15** **Title of the work:** Pro-Am projects in the Spanish Virtual Observatory
Name of the event: IVOA Interoperability Meeting
Type of event: Workshop
Geographical area: National
City of event: Paris, France
Date of event: 12/05/2019
End date: 17/05/2019
Enrique Solano Márquez.
- 16** **Title of the work:** Identificando asteroides potencialmente peligrosos para la Tierra desde casa
Name of the event: I Foro Internacional de la Ciencia Ciudadana en España
Type of event: Workshop
Geographical area: National
City of event: Madrid, Spain
Date of event: 21/03/2019
End date: 22/03/2019
Enrique Solano Márquez; Carlos Rodrigo; Almudena Velasco.
- 17** **Title of the work:** The CARMENES GTO Archive
Name of the event: Present and future science with CARMENES
City of event: Granada, Andalucía, Spain
Date of event: 20/02/2019
End date: 22/02/2019
Enrique Solano Márquez.
- 18** **Title of the work:** A catalogue of White Dwarf from Gaia -DR2 and the Virtual Observatory
Name of the event: V Reunión Científica de la Red Española de Gaia
City of event: Barcelona, Spain
Date of event: 28/05/2018
End date: 30/05/2018
Organising entity: Universitat de Barcelona **Type of entity:** University
Francisco Jiménez Esteban; Santiago Torres; Alberto Rebassa; Enrique Solano Márquez; Carlos Rodrigo Blanco; Carles Cantero.
- 19** **Title of the work:** Clusterix
Name of the event: V Reunión Científica de la Red Española de Gaia
City of event: Barcelona, Spain
Date of event: 28/05/2018
End date: 30/05/2018
Organising entity: Universitat de Barcelona **Type of entity:** University
Lola Balaguer Núñez; David Galadí Enríquez; Mauro López del Fresno; Enrique Solano Márquez; Carme Jordi Nebot.
- 20** **Title of the work:** VO tools for Gaia
Name of the event: V Reunión Científica de la Red Española de Gaia
City of event: barcelona, Spain
Date of event: 28/05/2018
End date: 30/05/2018
Organising entity: Universitat de Barcelona **Type of entity:** University
Enrique Solano Márquez; Carlos Rodrigo Blanco.



- 21** **Title of the work:** Identification and characterization of ultracool dwarfs using J-PLUS
Name of the event: Euclid Independent Legacy Science Workshop
City of event: Madrid, Spain
Date of event: 11/12/2017
End date: 12/12/2017
Organising entity: Centro de Astrobiología **Type of entity:** State agency
- 22** **Title of the work:** Identification of ultracool objects in the COSMOS field
Name of the event: Euclid Independent Legacy Science Workshop
City of event: Madrid, Spain
Date of event: 11/12/2017
End date: 12/12/2017
Organising entity: Centro de Astrobiología **Type of entity:** State agency
- 23** **Title of the work:** The Virtual Observatory. A new open-data based framework for new science
Name of the event: United Nations / Italy Workshop on the Open Universe Initiative
City of event: Viena, Austria
Date of event: 20/11/2017
End date: 22/11/2017
Organising entity: United Nations
- 24** **Title of the work:** Identification of ultracool dwarfs using J-PLUS data and the Virtual Observatory
Name of the event: Early Data Release and Scientific Exploitation of the J-PLUS Survey
City of event: Teruel, Spain
Date of event: 02/10/2017
End date: 03/10/2017
Organising entity: FUNDACION CENTRO DE ESTUDIOS DE FISICA DEL COSMOS DE ARAGON
- 25** **Title of the work:** VOSA: Analyzing SED in the Virtual Observatory
Name of the event: École Observatoire Virtuel à l'OCA
City of event: Niza, France
Date of event: 26/09/2017
End date: 27/09/2017
Organising entity: Observatorio de la Costa Azul
- 26** **Title of the work:** What is the Virtual Observatory?
Name of the event: École Observatoire Virtuel à l'OCA
City of event: Niza, France
Date of event: 26/09/2017
End date: 27/09/2017
Organising entity: Observatorio de la Costa Azul
- 27** **Title of the work:** DataLink Working on an implementation for stellar libraries.
Name of the event: IVOA Interoperability Meeting
City of event: Shangai, China
Date of event: 18/05/2017
Carlos Rodrigo; Enrique Solano.
"http://wiki.ivoa.net/internal/IVOA/InterOpMay2017-DAL/dlink-shanghai.pdf".



- 28** **Title of the work:** Time Series and the VO
Name of the event: IVOA Interoperability Meeting
City of event: Shangai, China
Date of event: 18/05/2017
José Manuel Alacid; Enrique Solano.
"<http://wiki.ivoa.net/internal/IVOA/InterOpMay2017-TD/TimeSeriesSVO.pdf>".
- 29** **Title of the work:** What really is the Virtual Observatory?
Name of the event: IAC Talks
Corresponding author: Yes
City of event: La Laguna, Canarias, Spain
Date of event: 09/03/2017
End date: 09/03/2017
Organising entity: Instituto de Astrofísica de Canarias
Type of entity: Public Research Body
City organizing entity: Las Rozas, Enrique Solano Márquez.
- 30** **Title of the work:** The CARMENES Archive at CAB. A progress report
Name of the event: 5th CARMENES Scientific Meeting
City of event: Heidelberg, Germany
Date of event: 21/11/2016
End date: 24/11/2016
Enrique Solano.
- 31** **Title of the work:** Using VOSA to exploit Gaia data
Name of the event: Gaia 2016 Data Release #1
Corresponding author: Yes
City of event: Villanueva de la Cañada, Madrid, Comunidad de, Spain
Date of event: 02/11/2016
End date: 04/11/2016
Organising entity: AGENCE SPATIALE EUROPEENE ESA - ESAC
Enrique Solano. "<https://www.cosmos.esa.int/web/gaia-2016-data-workshop/programme>".
- 32** **Title of the work:** IVOA@ Spanish VO
Name of the event: IVOA Interoperability Meeting
City of event: Trieste, Italy
Date of event: 24/10/2016
José Manuel Alacid; Enrique Solano; Carlos Rodrigo.
"http://wiki.ivoa.net/internal/IVOA/InteropOct2016Ops/svo_ops.pdf".
- 33** **Title of the work:** VOSA. New features
Name of the event: IVOA Interoperability Meeting
City of event: Trieste, Italy
Date of event: 23/10/2016
Carlos Rodrigo; Enrique Solano. "<http://wiki.ivoa.net/internal/IVOA/InteropOct2016Apps/vosa-trieste16.pdf>".
- 34** **Title of the work:** Identification of binaries with VOSA
Name of the event: 13th J-PAS meeting
City of event: Teruel, Spain
Date of event: 08/09/2016



End date: 08/09/2016

Organising entity: FUNDACION CENTRO DE ESTUDIOS DE FISICA DEL COSMOS DE ARAGON

35 Title of the work: VOSA: VO Sed Analyzer

Name of the event: 13th J-PAS meeting

City of event: Teruel, Spain

Date of event: 05/09/2016

End date: 05/09/2016

Organising entity: FUNDACION CENTRO DE ESTUDIOS DE FISICA DEL COSMOS DE ARAGON

36 Title of the work: Determinación de masas en subenanas calientes utilizando TGAS

Name of the event: IV Reunión Científica de la Red Española de Gaia

City of event: Barcelona, Spain

Date of event: 23/05/2016

End date: 25/05/2016

Organising entity: Universitat de Barcelona **Type of entity:** University

37 Title of the work: El entorno VO y cómo buscar datos complementarios a TGAS

Name of the event: IV Reunión Científica de la Red Española de Gaia

City of event: Barcelona, Spain

Date of event: 23/05/2016

End date: 25/05/2016

Organising entity: Universitat de Barcelona **Type of entity:** University

38 Title of the work: Herramientas VO para el uso de la comunidad REG. Clusterix

Name of the event: IV Reunión Científica de la Red Española de Gaia

City of event: Barcelona, Spain

Date of event: 23/05/2016

End date: 25/05/2016

Organising entity: Universitat de Barcelona **Type of entity:** University

39 Title of the work: Simdal. Implementation feedback

Name of the event: IVOA Interoperability Meeting

City of event: Cape Town, South African Republic

Date of event: 10/05/2016

Carlos Rodrigo; Enrique Solano.

"<http://wiki.ivoa.net/internal/IVOA/InterOpMay2016-Theory/simdal-capetown16.pdf>".

40 Title of the work: Simdal. Implementation feedback

Name of the event: IVOA Interoperability Meeting

City of event: Cape Town, South African Republic

Date of event: 10/05/2016

Carlos Rodrigo; Enrique Solano.

"<http://wiki.ivoa.net/internal/IVOA/InterOpMay2016-Theory/simdal-capetown16.pdf>".

41 Title of the work: The CARMENES Archive

Name of the event: 4th CARMENES Scientific Meeting

City of event: Granada, Spain

Date of event: 02/03/2016

End date: 03/03/2016



- 42** **Title of the work:** The daily life of a medium-size astronomical data centre: The CAB case.astronomical data centre: The CAB case
Name of the event: ESO-ESA Workshop "Science Operations 2015: Science Data Management"
City of event: Garching, Germany
Date of event: 24/11/2015
End date: 27/11/2015
Enrique Solano.
- 43** **Title of the work:** The Gran Telescopio Canarias OSIRIS Catalogue.
Name of the event: ADASS XXV
City of event: Sidney, Australia
Date of event: 25/10/2015
End date: 30/10/2015
Enrique Solano.
- 44** **Title of the work:** Characterization of brown dwarfs using J-PAS
Name of the event: 11th J-PAS meeting
City of event: Santander, Spain
Date of event: 16/09/2015
End date: 16/09/2015
Organising entity: Instituto de Física de Cantabria **Type of entity:** State agency
- 45** **Title of the work:** Identification and characterization of ultracool dwarfs using J-PAS
Name of the event: 11th J-PAS Meeting
City of event: Santander,
Date of event: 14/09/2015
End date: 18/09/2015
Organising entity: Instituto de Física de Cantabria **Type of entity:** Public Research Body (IFCA)
- 46** **Title of the work:** VOSA. Big Data. Massive jobs. New architecture
Name of the event: IVOA Interoperability Meeting
City of event: Sexto, Italy
Date of event: 18/05/2015
Carlos Rodrigo; Amelia Bayo; Enrique Solano.
"<http://wiki.ivoa.net/internal/IVOA/InterOpJune2015Apps/vosa-sesto15.pdf>".
- 47** **Title of the work:** E&O activities in the Spanish VO. Pro-Am collaborations and citizen-science projects
Name of the event: IVOA Interoperability Meeting
City of event: Madrid, Madrid, Comunidad de, Spain
Date of event: 23/05/2014
Organising entity: AGENCE SPATIALE EUROPEENE ESA - ESAC
- 48** **Title of the work:** Time Series and the VO
Name of the event: IVOA Interoperability Meeting
City of event: Heidelberg, Germany
Date of event: 15/05/2013
- 49** **Title of the work:** El Observatorio Virtual y el archivo Gaia
Name of the event: III Reunión Científica de la Red Española de Gaia
Corresponding author: Yes



City of event: Sitges, Cataluña, Spain

Date of event: 23/01/2013

End date: 25/01/2013

Enrique Solano.

- 50** **Title of the work:** Time Series and the VO
Name of the event: IVOA Interoperability Meeting
City of event: Sao Paulo, Brazil
Date of event: 22/10/2012
- 51** **Title of the work:** VOSA A VO Spectral Energy Distribution Analyzer
Name of the event: IVOA Interoperability Meeting.
City of event: Urbana, United States of America
Date of event: 22/05/2012
Enrique Solano; Amelia Bayo; Carlos Rodrigo.
- 52** **Title of the work:** VO as a tool for scientific exploitation of Gaia data
Name of the event: Spanish ICTS contributions to ESA's Gaia mission
City of event: Madrid,
Date of event: 21/02/2012
End date: 23/02/2012
- 53** **Title of the work:** The Hexa Archive
Name of the event: HEXA: a machine for spectroscopic cartography
City of event: Granada, Spain
Date of event: 20/02/2012
End date: 22/02/2012
- 54** **Title of the work:** The GTC Archive
Name of the event: IV Encuentro Consolider-GTC
City of event: Sos del Rey Católico, Navarra, Comunidad Foral de, Spain
Date of event: 11/2011
Raul Gutiérrez.
- 55** **Title of the work:** ¿Qué puede aportar VO a proyectos grandes como el Gaia-ESO Survey y a futuros proyectos de la REG?
Name of the event: II Reunión Científica de la Red de Explotación de Gaia
City of event: Santillana del Mar, Spain
Date of event: 09/2011
- 56** **Title of the work:** The Virtual Observatory in action
Name of the event: Journées SF2A 2011
City of event: Paris, France
Date of event: 20/06/2011
End date: 23/06/2011
Enrique Solano Márquez.
- 57** **Title of the work:** VOSA. A VO Spectral Energy Distribution Analyzer
Name of the event: IVOA Interoperability Meeting
City of event: Napoles, Italy
Date of event: 16/05/2011



End date: 19/05/2011
Enrique Solano Márquez.

58 Title of the work: El Observatorio Virtual. Una infraestructura básica en investigación astronómica.

Name of the event: V Jornadas REDIMadrid

Type of event: Workshop

Geographical area: Regional

City of event: Madrid, Madrid, Comunidad de, Spain

Date of event: 12/2010

Enrique Solano Márquez.

59 Title of the work: VO-Science in the framework of the Consolider-GTC programme

Name of the event: IVOA Interoperability Meeting

City of event: Nara, Japan

Date of event: 12/2010

Enrique Solano Márquez.

60 Title of the work: Discovery of ultracool subdwarfs using a VO methodology

Name of the event: IV Encuentro Consolider-GTC

City of event: Sos del Rey Católico, Navarra, Comunidad Foral de, Spain

Date of event: 11/2010

61 Title of the work: VO services in the Framework of the Consolider-GTC

Name of the event: IV Encuentro Consolider-GTC

City of event: Sos del Rey Católico, Navarra, Comunidad Foral de, Spain

Date of event: 11/2010

Enrique Solano; María Arévalo.

62 Title of the work: Actividades educativas en el marco del Observatorio Virtual Español

Name of the event: IV Workshop de Telescopios Robóticos en España

City of event: Valencia, Comunitat Valenciana, Spain

Date of event: 10/2010

63 Title of the work: The Calar Alto Observatory: current status and future instrumentation

Name of the event: Reunión Científica de la Sociedad Española de Astronomía

City of event: Madrid, Madrid, Comunidad de, Spain

Date of event: 09/2010

David Barrado y Navascués; Ulli Thiele; et al. "2010arXiv1012.2099B".

64 Title of the work: Data Mining in the Spanish Virtual Observatory. Applications to CoRoT and Gaia

Name of the event: Reunión Científica de la Sociedad Española de Astronomía

City of event: Madrid, Madrid, Comunidad de, Spain

Date of event: 09/2010

Mauro López del Fresno; Enrique Solano Márquez; Luis Manuel Sarro Baro. "2011hsa6.conf..721L".

65 Title of the work: Theoretical models in the Virtual Observatory

Name of the event: Reunión Científica de la Sociedad Española de Astronomía

City of event: Madrid, Madrid, Comunidad de, Spain

Date of event: 09/2010

Carlos Rodrigo Blanco; Enrique Solano Márquez. "2011hsa6.conf..509R".



- 66** **Title of the work:** VOSA: new functionalities
Name of the event: Reunión Científica de la Sociedad Española de Astronomía
City of event: Madrid, Madrid, Comunidad de, Spain
Date of event: 09/2010
Miriam Aberasturi Veg; Enrique Solano Márquez; Carlos Rodrigo Blanco; Amelia Bayo Arán.
"2011hsa6.conf..523A".
- 67** **Title of the work:** VOSED: a Virtual Observatory tool to Guild and analyze SEDs
Name of the event: Reunión Científica de la Sociedad Española de Astronomía
City of event: Madrid, Madrid, Comunidad de, Spain
Date of event: 09/2010
Raúl Gutiérrez Sánchez; Enrique Solano Márquez; Luis Manuel Sarro Baro; R Resa.
"2011hsa6.conf..776G".
- 68** **Title of the work:** CARMENES: Calar Alto high-resolution search for M dwarfs with exo-earths with a near-infrared Echelle spectrograph
Name of the event: SPIE
City of event: San Diego, United States of America
Date of event: 07/2010
Andreas Quirrenbach; Pedro Amado; et al. "2010SPIE.7735E..37Q".
- 69** **Title of the work:** J-PAS and the Virtual Observatory
Name of the event: 1st J-PAS Meeting
City of event: Teruel, Aragón, Spain
Date of event: 06/2010
- 70** **Title of the work:** GAIA and the Virtual Observatory
Name of the event: Primera Reunión Científica de la Red de Explotación de GAIA
City of event: San Fernando, Andalucía, Spain
Date of event: 06/2010
Organising entity: Real Instituto y Observatorio de la Armada
Type of entity: Armada Armada
- 71** **Title of the work:** VOTA, a VO-tool for Asteroseismology
Name of the event: III Reunión Ibérica de Astrosismología
City of event: Navacerrada, Madrid, Comunidad de, Spain
Date of event: 05/2010
- 72** **Title of the work:** Asteroseismology in the VO
Name of the event: IVOA Interoperability Meeting
City of event: Garching, Germany
Date of event: 11/2009
Carlos Rodrigo Blanco; Enrique Solano Márquez.
- 73** **Title of the work:** Access to Spitzer data through VO
Name of the event: III Encuentro Consolider-GTC
City of event: Cádiz, Andalucía, Spain
Date of event: 10/2009
Enrique Solano Márquez; María Arévalo Sánchez.



- 74** **Title of the work:** Blue high proper motion objects in Tycho-2 and 2MASS
Name of the event: III Encuentro Consolider-GTC
City of event: Cádiz, Andalucía, Spain
Date of event: 10/2009
Francisco Jiménez Esteban; Enrique Solano Márquez; José Antonio Caballero.
- 75** **Title of the work:** Gaia and the Virtual Observatory
Name of the event: Gaia: La Galàxia en un Petabyte
City of event: Mahón, Balears, Illes, Spain
Date of event: 10/2009
Enrique Solano Márquez.
- 76** **Title of the work:** El Observatorio Virtual y los archivos de los telescopios robóticos.
Name of the event: III Workshop de Telescopios Robóticos en España
City of event: Madrid, Madrid, Comunidad de, Spain
Date of event: 09/2009
Enrique Solano Márquez.
- 77** **Title of the work:** E-ELT, ALMA and the Virtual Observatory
Name of the event: Scientific and technological challenges in the development of astronomical instrumentation: ALMA and E-ELT.
City of event: Madrid, Madrid, Comunidad de, Spain
Date of event: 09/2009
Enrique Solano Márquez.
- 78** **Title of the work:** Theoretical models in the VO
Name of the event: EuroVO-AIDA workshop on how to publish in the VO
City of event: Madrid, Madrid, Comunidad de, Spain
Date of event: 06/2009
Enrique Solano Márquez; Carlos Rodrigo Blanco.
- 79** **Title of the work:** S3 updates
Name of the event: IVOA Interoperability Meeting
City of event: Estrasburgo, France
Date of event: 05/2009
Enrique Solano Márquez; Carlos Rodrigo Blanco.
- 80** **Title of the work:** Theory in the Virtual Observatory
Name of the event: EuroVO-AIDA 2009 School
City of event: Garching, Germany
Date of event: 03/2009
Carlos Rodrigo Blanco; Enrique Solano Márquez.
- 81** **Title of the work:** VOSA and VOSED
Name of the event: EuroVO-AIDA 2009 School
City of event: Garching, Germany
Date of event: 03/2009
Enrique Solano Márquez.



- 82** **Title of the work:** An IPHAS-based search for accreting very low-mass objects using VO tools
Name of the event: Multi-wavelength Astronomy and Virtual Observatory, EURO-VO Workshop,
Corresponding author: No
City of event: Villafranca del Castillo, Spain
Date of event: 01/12/2008
End date: 03/12/2008
Luisa Valdivielso; Eduardo Martín; Herve Bouy; Enrique Solano Márquez; J. Drew; et. al..
"2009mavo.proc..175V".
- 83** **Title of the work:** Science in the Spanish Virtual Observatory
Name of the event: Multi-wavelength Astronomy and Virtual Observatory, EURO-VO Workshop,
Corresponding author: No
City of event: Villafranca del Castillo, Spain
Date of event: 01/12/2008
End date: 03/12/2008
Enrique Solano Márquez. "2009mavo.proc..147S".
- 84** **Title of the work:** The SVO role in the preparation of the "First Science with the GTC"
Name of the event: Multi-wavelength Astronomy and Virtual Observatory, EURO-VO Workshop,
Corresponding author: No
City of event: Villafranca del Castillo, Spain
Date of event: 01/12/2008
End date: 03/12/2008
Francisco Jiménez Esteban; Enrique Solano Márquez. "2009mavo.proc..107J".
- 85** **Title of the work:** A VO-compliant Archive for Calar Alto
Name of the event: Calar Alto Instrumentation Workshop
Type of event: Workshop
Reasons for participation: Upon invitation
Geographical area: European Union
City of event: Granada, Spain
Date of event: 06/2008
Enrique Solano Márquez.
- 86** **Title of the work:** Automated analysis of stellar spectra: application to the GAUDI
Name of the event: Astronomical Spectroscopy and Virtual Observatory,
Corresponding author: No
City of event: Villafranca del Castillo, Spain
Date of event: 21/03/2007
End date: 23/03/2007
Enrique Solano; Carlos Allende. "2008asvo.proc..109S".
- 87** **Title of the work:** Brown dwarf projects at the Spanish VO
Name of the event: Astronomical Spectroscopy and Virtual Observatory,
Corresponding author: No
City of event: Villafranca del Castillo, Spain
Date of event: 21/03/2007
End date: 23/03/2007
Eduardo Martín; Enrique Solano; J. Cabrera; Luisa Valdivielso; Carlos Rodrigo. "2008asvo.proc...11M".



- 88** **Title of the work:** VOSED: a tool for the characterization of protoplanetary disks
Name of the event: Astronomical Spectroscopy and Virtual Observatory,
Corresponding author: No
City of event: Villafranca del Castillo, Spain
Date of event: 21/03/2007
End date: 23/03/2007
Raúl Gutiérrez; Enrique Solano; Arancha Delgado; L.M. Sarro; Bruno Merín. "2008asvo.proc...91G".
- 89** **Title of the work:** Cool objects: From SED fitting to age estimation
Name of the event: Astronomical Spectroscopy and Virtual Observatory,
Corresponding author: No
City of event: Villafranca del Castillo, Spain
Date of event: 21/03/2007
End date: 23/03/2007
Amelia Bayo; David Barrado; María Morales; Enrique Solano; Carlos Rodrigo; et al.. "2008asvo.proc...41B".
- 90** **Title of the work:** PGos3: a database of synthesis models in the VO
Name of the event: Astronomical Spectroscopy and Virtual Observatory,
Corresponding author: No
City of event: Villafranca del Castillo, Spain
Date of event: 21/03/2007
End date: 23/03/2007
Miguel Cerviño; Elena Terlevich; Roberto Terlevich; Carlos Rodrigo; C. Morisset; et al.
"2008asvo.proc..211C".
- 91** **Title of the work:** Theoretical models and the Virtual Observatory
Name of the event: Astronomical Spectroscopy and Virtual Observatory,
Corresponding author: No
City of event: Villafranca del Castillo, Spain
Date of event: 21/03/2007
End date: 23/03/2007
Carlos Rodrigo; Enrique Solano; Raúl Gutiérrez; Miguel Cerviño. "2008asvo.proc..179R".
- 92** **Title of the work:** Everything You Always Wanted to Know about CoRoT Data
Name of the event: The CoRoT Mission Pre-Launch Status - Stellar Seismology and Planet Finding" (ESA SP-1306).
Corresponding author: No
Date of event: 11/2006
End date: 11/2006
Frederic Baudin; Annie Baglin; J.L. Orcesi; K Nguyen-Kim; Enrique Solano; et al. "2006ESASP1306..145B".
- 93** **Title of the work:** The Ground-Based Observations in Preparation and Support of the Seismology Programme
Name of the event: The CoRoT Mission Pre-Launch Status - Stellar Seismology and Planet Finding" (ESA SP-1306).
Corresponding author: No
Date of event: 11/2006
End date: 11/2006
Claude Catala; Ennio Poretti; Rafael Garrido; Enrique Solano; G. Cutispoto; et al.
"2006ESASP1306..329C".



- 94** **Title of the work:** The Spanish Contribution to the CoRoT Mission
Name of the event: The CoRoT Mission Pre-Launch Status - Stellar Seismology and Planet Finding" (ESA SP-1306).
Corresponding author: No
Date of event: 11/2006
End date: 11/2006
Rafael Garrido; Roy Alonso; Pedro J. Amado; J.A. Belmonte; V. Costa; et al. "2006ESASP1306..129G".
- 95** **Title of the work:** OMC: An Optical Monitoring Camera for INTEGRAL
Name of the event: 5th INTEGRAL Workshop on the INTEGRAL Universe (ESA SP-552)
Corresponding author: No
City of event: Munich, Germany
Date of event: 16/02/2004
End date: 20/02/2004
J.M. Mas; A. Giménez; A. Domingo; D. Riskey; M.D. Caballero; et al. "2004ESASP.552..729M".
- 96** **Title of the work:** Optically Variable Sources Monitored by the OMC
Name of the event: 5th INTEGRAL Workshop on the INTEGRAL Universe (ESA SP-552)
Corresponding author: No
City of event: Munich, Germany
Date of event: 16/02/2004
End date: 20/02/2004
A. Domingo; D. Riskey; M.D. Caballero; J.M. Mas; A. Giménez; et al. "2004ESASP.552..165D".
- 97** **Title of the work:** Development of Automatic Stellar Abundances Method.
Name of the event: Frontiers of High Resolution Spectroscopy, 25th meeting of the IAU
Corresponding author: No
City of event: Sydney, Australia
Date of event: 23/07/2003
End date: 24/07/2003
Beatriz M. González García; Enrique Solano. "2003IAUJD..20E..12G".
- 98** **Title of the work:** ENEAS: the European Network of Excellence in AsteroSeismology
Name of the event: Second Eddington Workshop: Stellar structure and habitable planet finding
Corresponding author: No
City of event: Palermo, Italy
Date of event: 09/04/2003
End date: 11/04/2003
C. Aerts; A. Baglin; J. Christensen-Dalsgaard; M.J. Goupil; G. Houdek. "2004ESASP.538..247A".
- 99** **Title of the work:** GAUDI: a data server for COROT's ground-based asteroseismology programme
Name of the event: Second Eddington Workshop: Stellar structure and habitable planet finding
Corresponding author: Yes
City of event: Palermo, Italy
Date of event: 09/04/2003
End date: 11/04/2003
Enrique Solano; Raúl Gutiérrez; Claude Catala. "2004ESASP.538..421S".
- 100** **Title of the work:** The COROT ground-based archive and access system
Name of the event: First Eddington Workshop on Stellar Structure and Habitable Planet Finding
Corresponding author: Yes



City of event: Cordoba, Spain

Date of event: 11/06/2001

End date: 15/06/2001

Enrique Solano; Rosario González Riestra; Claude Catala; A Baglin. "2002ESASP.485..353S".

- 101 Title of the work:** ISO-SWS Observations on Proto-Planetary System Candidates
Name of the event: ISO beyond the peaks: The 2nd ISO workshop on analytical spectroscopy
Corresponding author: No
Date of event: 11/2000
End date: 11/2000
J. Palacios; P.R Wesselius; C. Eiroa; A Mora; B. Montesinos; et. al. "2000ESASP.456..219P".

Science Outreach activities

- 1 Title of the work:** El Observatorio Virtual
Name of the event: Curso de Astrofotografía FAAE
Type of event: Conferences given
City of event: online,
Date of event: 23/06/2025
Enrique Solano Márquez.
- 2 Title of the work:** 20 años de Observatorio Virtual en España
Name of the event: Conferencias Agrupación Astronómica Sabadell
Type of event: Conferences given
City of event: Sabadell, Cataluña, Spain
Date of event: 05/02/2025
Enrique Solano Márquez.
- 3 Title of the work:** Participación en el ESA Open Day 2023
Name of the event: ESA Open Day 2023
Type of event: Fairs and exhibitions
Corresponding author: Yes
City of event: Villanueva de la Cañada,
Date of event: 21/10/2023
Organising entity: AGENCE SPATIALE EUROPEENE ESA - ESAC
Enrique Solano Márquez; Miriam Cortés Contreras; Francisco Jiménez Esteban; Enrique Solano Márquez.
- 4 Title of the work:** The International Ultraviolet Explorer and its archive
Name of the event: IUE 45th anniversary
Type of event: Anniversary
City of event: Villanueva de la Cañada, Madrid, Comunidad de, Spain
Date of event: 01/2023
Type: Popular science article
Enrique Solano Márquez. En: Astronomía. (Spain): 01/04/2020. Available on-line at: <www.globalastronomia.com>.
- 5 Title of the work:** M-dwarf stars in theb294 field from the VISTA Variables in the Vía Láctea (VVV)
Name of the event: CAB Science Nuggets
Type of event: Outreach material
Corresponding author: Yes



City of event: Villanueva de la Cañada,

Date of event: 2023

Organising entity: Centro de Astrobiología

Type of entity: State agency

Enrique Solano Márquez. "https://cab.inta-csic.es/wp-content/uploads/2023/03/pcruz_VVV_Mdwarfs.pdf".

6 Title of the work: El Observatorio Virtual. El Universo a un solo click

Name of the event: Ciclo de conferencias otoño 2022. Singularities

Type of event: Outreach material

Corresponding author: No

City of event: Madrid, Madrid, Comunidad de, Spain

Date of event: 27/10/2022

Enrique Solano Márquez. "https://www.youtube.com/watch?v=HoOH1e_sNes".

7 Title of the work: El Observatorio Virtual

Type of event: artículo de revista

Corresponding author: Yes

Date of event: 01/04/2020

Type: Popular science article

Enrique Solano Márquez. En: Astronomía. (Spain): 01/04/2020. Available on-line at: www.globalastronomia.com.

8 Title of the work: Taller: Escuela VO

Name of the event: III Congreso Pro-Am

Type of event: Conferences given

City of event: Huesca, Aragón, Spain

Date of event: 07/12/2019

Organising entity: Asociación Astronómica de Huesca

Enrique Solano Márquez; Miriam Cortés Contreras.

9 Title of the work: El Observatorio Virtual para la comunidad amateur y el público en general

Name of the event: Astrocuencia2019

Type of event: Conferences given

Corresponding author: Yes

City of event: Cuencia,

Date of event: 08/11/2019

Organising entity: Astrocuencia

Enrique Solano Márquez.

10 Title of the work: Participación en el ESA Open Day 2019

Name of the event: ESA Open Day 2019

Type of event: Fairs and exhibitions

Corresponding author: Yes

City of event: Villanueva de la Cañada,

Date of event: 19/10/2019

Organising entity: AGENCE SPATIALE EUROPEENE ESA - ESAC

Enrique Solano Márquez; Miriam Cortés Contreras; Francisco Jiménez Esteban; Carlos Rodrigo Blanco; Enrique Solano Márquez.

11 Title of the work: Abren al público un archivo de más de 600000 fuentes astronómicas

Type of event: Nota de prensa

Corresponding author: Yes



Date of event: 18/10/2019

"<https://www.madrimasd.org/notiweb/noticias/abren-publico-un-archivo-mas-600000-fuentes-astronomicas>".

12 Title of the work: El CAB participa en ESCAPE, el mayor proyecto europeo de Ciencia Abierta en astrofísica

Type of event: Nota de prensa

Corresponding author: Yes

Date of event: 20/11/2018

"<http://www.cab.inta-csic.es/es/noticias/376/el-cab-participa-en-escape-el-mayor-proyecto-europeo-de-ciencia-abierta-en-astrofisica>".

13 Title of the work: ¡El cielo está lleno de eestrellas! Gaia y el Observatorio Virtual

Type of event: Nota de prensa

Corresponding author: Yes

Date of event: 05/2018

"<http://www.cab.inta-csic.es/es/noticias/354/el-cielo-esta-lleno-de-estrellas-gaia-y-el-observatorio-virtual>".

14 Title of the work: Gaia permitirá detectar más de 100 000 cúmulos estelares

Type of event: Artículo en prensa

Corresponding author: Yes

Date of event: 05/2018

"<https://www.efefuturo.com/noticia/gaia-detectar-100-000-cumulos-estelares/>".

15 Title of the work: El Observatorio Virtual Español

Name of the event: Canal UNED

Type of event: TV programme

Corresponding author: Yes

City of event: V, Madrid, Comunidad de, Spain

Date of event: 2018

Organising entity: Universidad Nacional de Educación a Distancia

Type of entity: University

"<https://canal.uned.es/video/5bbda9bbb1111f7b038b4567>".

16 Title of the work: En busca de asteroides

Type of event: Artículo en prensa

Corresponding author: Yes

Date of event: 28/06/2017

"http://www.eldiario.es/hojaderouter/ciencia/ciencia_ciudadana-Observadores_del_Mar-cierzo-Observatorio_Virtual_Espanol-GLOBE_Observer_0_658985305.html".

17 Title of the work: Comienza la X Escuela del Observatorio Virtual Español

Type of event: Nota de Prensa

Corresponding author: Yes

Date of event: 06/03/2017

City organizing entity: Las Rozas,

"<http://www.creativacanaria.com/comienza-la-decima-escuela-del-observatorio-virtual-espanol/>".

18 Title of the work: ¿Cómo estudiar miles de millones de datos y no morir en el intento?

Type of event: Nota de Prensa

Corresponding author: Yes

Date of event: 21/09/2016



City organizing entity: Las Rozas,

- 19** **Title of the work:** Archivos: una herramienta básica para la investigación en Astronomía
Name of the event: Curso Verano UPCT
Type of event: Conferences given
City of event: Cartagena, Spain
Date of event: 14/07/2016
Organising entity: Universidad Politécnica de Cartagena
Type of entity: University
- 20** **Title of the work:** ¿Cómo extraer conocimiento a partir de millones de datos?
Type of event: Nota de Prensa
Corresponding author: Yes
Date of event: 16/12/2015
- 21** **Title of the work:** El Universo a un sólo click. Diez años de Observatorio Virtual en España
Type of event: Publicación en web de divulgación
Date of event: 12/05/2015
Enrique Solano.
- 22** **Title of the work:** “Ábrete Sésamo”: diez años del Observatorio Virtual en España
Type of event: Publicación en web de divulgación
Date of event: 04/02/2015
Enrique Solano.
- 23** **Title of the work:** ¿Cómo se estudian mil millones de estrellas? Astroestadística, el 'big data' del espacio
Type of event: Publicación en periódico
Corresponding author: Yes
Date of event: 15/01/2015
- 24** **Title of the work:** A treasure trove of modern astronomy
Type of event: Nota de Prensa
Corresponding author: Yes
Date of event: 27/11/2014
- 25** **Title of the work:** COMETAS Y ASTEROIDES ¿PELIGRO PARA LA TIERRA? AYUDA DESDE CASA A DESCUBRIRLOS
Name of the event: 25 horas viajando por el Universo
Type of event: Conferences given
City of event: Cartagena,
Date of event: 29/10/2014
Organising entity: Universidad Politécnica de Cartagena
Type of entity: University
- 26** **Title of the work:** El Observatorio Virtual. El Universo al alcance de todos
Name of the event: XIII Jornadas de Divulgación de Astronomía de Alicante
Type of event: Conferences given
City of event: Alicante, Comunitat Valenciana, Spain
Date of event: 28/05/2014
Organising entity: Universidad de Alicante
Type of entity: University



- 27** **Title of the work:** IVOA meeting at ESAC: the Universe at your fingertips
Type of event: Nota de Prensa
Corresponding author: Yes
Date of event: 23/05/2014
- 28** **Title of the work:** Taller de asteroides peligrosos
Name of the event: IV Noche de los Investigadores
Type of event: Conferences given
City of event: Madrid, Madrid, Comunidad de, Spain
Date of event: 28/09/2013
Organising entity: Instituto Nacional de Técnica Aeroespacial
Type of entity: Public Research Body
- 29** **Title of the work:** Salvar o planeta... desde a casa
Type of event: Publicación en blog de ciencia
Corresponding author: Yes
Date of event: 02/05/2013
- 30** **Title of the work:** Identifica desde casa asteroides peligrosos para la Tierra
Type of event: Entrevista en radio
Corresponding author: Yes
Date of event: 05/04/2013
- 31** **Title of the work:** Identifica desde casa asteroides peligrosos para la Tierra
Type of event: Conferences given
City of event: La Coruña, Galicia, Spain
Date of event: 03/04/2013
Organising entity: Casa de las Ciencias
- 32** **Title of the work:** El Planetario acoge el día 3 una charla sobre asteroides
Type of event: Publicación en periódico
Corresponding author: Yes
Date of event: 01/04/2013
- 33** **Title of the work:** La Casa de las Ciencias de A Coruña acogerá el próximo miércoles una charla sobre asteroides
Type of event: Publicación en periódico
Corresponding author: Yes
Date of event: 31/03/2013
- 34** **Title of the work:** El experto Enrique Solano Márquez descubrirá en el Museo Elder si son realmente peligrosos los asteroides
Type of event: Publicación en periódicos
City of event: Rioja, La, Spain
Date of event: 20/03/2013
- 35** **Title of the work:** Identifica desde casa asteroides peligrosos para la Tierra
Type of event: Conferences given
City of event: Las Palmas, Canarias, Spain
Date of event: 20/03/2013
Organising entity: Museo Elder de las Ciencias



- 36** **Title of the work:** Identifica desde casa asteroides peligrosos para la Tierra
Type of event: Conferences given
City of event: Logroño, Rioja, La, Spain
Date of event: 30/01/2013
Organising entity: Casa de las Ciencias de Logroño
- 37** **Title of the work:** Identifica desde casa asteroides peligrosos para la Tierra
Type of event: Entrevista en radio
Corresponding author: Yes
Date of event: 11/01/2013
"http://svo.cab.inta-csic.es/docs/files/svo/Public/VO_media/rioja_cadenaser.mp3".
- 38** **Title of the work:** La Casa de las Ciencias incluye en enero y febrero exposiciones y conferencias sobre el Universo y un planetario
Type of event: Publicación en periódico
Corresponding author: Yes
Date of event: 11/01/2013
- 39** **Title of the work:** Actividades educativas y de divulgación en el marco del Observatorio Virtual Español
Name of the event: XX Congreso Estatal de Astronomía
Type of event: Conferences given
City of event: Gandía, Comunitat Valenciana, Spain
Date of event: 07/12/2012
Organising entity: Astrosafor
- 40** **Title of the work:** Identifica asteroides peligrosos con un sólo "click"
Name of the event: Noche de los Investigadores
Type of event: Conferences given
City of event: Madrid, Madrid, Comunidad de, Spain
Date of event: 28/09/2012
- 41** **Title of the work:** La Astronomía y los desarrollos tecnológicos
Type of event: Entrevista en radio
Corresponding author: Yes
Date of event: 25/07/2012
"http://svo.cab.inta-csic.es/docs/files/svo/Public/VO_media/ENT-EnriqueSolano-20120724.mp3".
- 42** **Title of the work:** La Astronomía y los desarrollos tecnológicos
Type of event: Entrevista en radio
Corresponding author: Yes
Date of event: 24/07/2012
"http://svo.cab.inta-csic.es/docs/files/svo/Public/VO_media/hoyporhoy_ct_esolano.mp3".
- 43** **Title of the work:** La VIU enseña a investigar sobre el Universo gracias a la 'alianza' con el Observatorio Virtual
Type of event: Nota de prensa
City of event: Comunitat Valenciana, Spain
Date of event: 05/07/2012
"http://www.viu.es/investigar-universo-alianza-observatorio-virtual/".



- 44** **Title of the work:** Astronomía desde casa con el Observatorio Virtual
Name of the event: XXII Convención de Observadores. Agrupación Astronómica de Sabadell
Type of event: Conferences given
City of event: Sabadell, Spain
Date of event: 11/2011
- 45** **Title of the work:** Astronomía desde casa con el Observatorio Virtual
Name of the event: XVI Jornadas de Astronomía
City of event: Cartagena, Spain
Date of event: 10/2011
Organising entity: Asociación Astronómica de Cartagena
- 46** **Title of the work:** El Observatorio Virtual y la Astronomía amateur
Name of the event: Astrobonilla 2011
Type of event: Conferences given
City of event: Bonilla, Castilla-La Mancha, Spain
Date of event: 07/2011
Organising entity: Asociación Astronómica de Madrid
- 47** **Title of the work:** E&O activities in the Spanish VO. Examples of Pro-Am collaborations
Name of the event: IVOA Interoperability Meeting
Geographical area: Non EU International
City of event: Napoles, Italy
Date of event: 05/2011
Enrique Solano Márquez.
- 48** **Title of the work:** El Observatorio Virtual en el aula
Name of the event: Reunión Científica de la Sociedad Española de Astronomía
City of event: Madrid, Madrid, Comunidad de, Spain
Date of event: 09/2010
Miriam Aberasturi Vega; Enrique Solano Márquez. "2011hsa6.conf..797A".
- 49** **Title of the work:** El Observatorio Virtual y la Astronomía Amateur.
Name of the event: Encuentro Pro-Am
Type of event: Conferences given
City of event: Córdoba, Andalucía, Spain
Date of event: 11/2009
Enrique Solano Márquez; José Manuel Alacid Polo.
- 50** **Title of the work:** El Observatorio Virtual y la Astronomía Amateur
Name of the event: III Workshop de Telescopios Robóticos en España.
Type of event: Conferences given
City of event: Madrid, Madrid, Comunidad de, Spain
Date of event: 09/2009
Miriam Aberasturi Vega; Enrique Solano Márquez.
- 51** **Title of the work:** En busca de asteroides
"http://www.eldiario.es/hojaderouter/ciencia/ciencia_ciudadana-Observadores_del_Mar-cierzo-Observatorio_Virtual_Espanol-GLOBE_Observer_0_658985305.html".

R&D management and participation in scientific committees

Scientific, technical and/or assessment committees

- 1** **Committee title:** Experto para la Agencia Nacional de Evaluación y Prospectiva (ANEP)
Affiliation entity: Ministerio de Ciencia e Innovación. **Type of entity:** n Investigación
Start-End date: 2012 - 2014
- 2** **Committee title:** Experto internacional independiente para la Comisión Nacional de Investigación Científica y Tecnológica (CONICYT), Chile.
Start-End date: 2012 - 2012
- 3** **Committee title:** Referee de Lecture Notes and Essays in Astrophysics (LNEA)
Start-End date: 2011 - 2011
- 4** **Committee title:** Referee de New Astronomy
Start-End date: 2011 - 2011
- 5** **Committee title:** Expert evaluator for the Coordination and Evaluation Branch of the State Research Agency (AEI). ("Subdivisión de Coordinación y Evaluación de la Agencia Estatal de Investigación (AEI)")
- 6** **Committee title:** Referee de Planetary and Space Science

Organization of R&D activities

- 1** **Title of the activity:** First Astro-CC Pilot training event
Type of activity: <https://indico.in2p3.fr/event/36738/> **Geographical area:** European Union
Convening entity: Astro-CC project
City convening entity: Villanueva de la Cañada, Madrid, Comunidad de, Spain
Type of participation: Organiser
N° assistants: 40
Start-End date: 02/12/2025 - 04/12/2025 **Duration:** 3 days
- 2** **Title of the activity:** XXV Escuela del Observatorio Virtual Español
Type of activity: https://svo.cab.inta-csic.es/svoMeetings/index.php?mid=62&action=page&pagename=XXV_Escuela_SVO/
Presentation **Geographical area:** Non EU International
City of event: Granada, Andalucía, Spain
Convening entity: Observatorio Virtual Español
City convening entity: Madrid, Spain
Type of participation: Organiser
N° assistants: 20
Start-End date: 11/11/2025 - 12/11/2025 **Duration:** 2 days



- 3** **Title of the activity:** XXIV Escuela del Observatorio Virtual Español
Type of activity: https://svo.cab.inta-csic.es/svoMeetings/index.php?mid=61&action=page&pagename=XXIV_Escuela_SVO/Presentation
Geographical area: Non EU International
Convening entity: Observatorio Virtual Español
City convening entity: online, Spain
Type of participation: Organiser
N° assistants: 87
Start-End date: 28/11/2024 - 29/11/2024
Duration: 2 days
- 4** **Title of the activity:** Virtual Observatory school
Type of activity: <https://lagrange.oca.eu/fr/ecoles-thematiques/5086-observatoire-virtuel-2024>
Geographical area: Non EU International
Convening entity: Universidad de Niza
City convening entity: online, Spain
Type of participation: Organiser
N° assistants: 87
Start-End date: 07/10/2024 - 09/10/2024
Duration: 3 days
- 5** **Title of the activity:** XXIII Escuela del Observatorio Virtual Español
Geographical area: Non EU International
City of event: Madrid, Madrid, Comunidad de, Spain
Convening entity: Observatorio Virtual Español
City convening entity: Madrid, Spain
Type of participation: Organiser
N° assistants: 100
Start-End date: 20/11/2023 - 24/11/2023
Duration: 3 days
- 6** **Title of the activity:** Science with the Virtual Observatory: status, success cases, and the future
Type of activity: Workshop
Geographical area: European Union
Convening entity: European Astronomical Society
City convening entity: Cracovia, Poland
Type of participation: Organiser
N° assistants: 30
Start-End date: 10/07/2023 - 14/07/2023
Duration: 5 days
- 7** **Title of the activity:** I Escuela Latinoamericana de Observatorio Virtual
Geographical area: Non EU International
City of event: Madrid, Madrid, Comunidad de, Spain
Convening entity: Observatorio Virtual Español
City convening entity: Madrid, Spain
Type of participation: Organiser
N° assistants: 156
Start-End date: 14/03/2023 - 16/03/2023
Duration: 3 days
- 8** **Title of the activity:** XXII Escuela del Observatorio Virtual Español
Geographical area: Non EU International
City of event: Madrid, Madrid, Comunidad de, Spain
Convening entity: Observatorio Virtual Español



City convening entity: Madrid, Spain
Type of participation: Organiser
N° assistants: 82
Start-End date: 28/10/2022 - 04/11/2022 **Duration:** 3 days

9 **Title of the activity:** XXI Escuela del Observatorio Virtual Español
Geographical area: Non EU International
City of event: Madrid, Madrid, Comunidad de, Spain
Convening entity: Observatorio Virtual Español
City convening entity: Madrid, Spain
Type of participation: Organiser
N° assistants: 62
Start-End date: 15/10/2021 - 17/12/2021 **Duration:** 3 days

10 **Title of the activity:** XX Escuela del Observatorio Virtual Español
Geographical area: National
City of event: Madrid, Madrid, Comunidad de, Spain
Convening entity: Observatorio Virtual Español
City convening entity: Madrid, Spain
Type of participation: Organiser
N° assistants: 112
Start-End date: 15/11/2021 - 18/11/2021 **Duration:** 3 days

11 **Title of the activity:** First ESCAPE school. Science with interoperable data
Type of activity: https://svo.cab.inta-csic.es/svoMeetings/index.php?mid=54&action=page&pagename=Meetings/SVO_thematic_network/First_ESCAPE_School/Presentation **Geographical area:** Non EU International
City of event: online,
Convening entity: Centro de Astrobiología **Type of entity:** State agency
City convening entity: Madrid, Madrid, Comunidad de, Spain
Type of participation: Organiser
N° assistants: 49
Start-End date: 08/02/2021 - 19/02/2021 **Duration:** 6 days

12 **Title of the activity:** XIX Escuela del Observatorio Virtual Español
Geographical area: Non EU International
City of event: Madrid, Madrid, Comunidad de, Spain
Convening entity: Observatorio Virtual Español
City convening entity: Madrid, Spain
Type of participation: Organiser
N° assistants: 73
Start-End date: 09/12/2020 - 11/12/2020 **Duration:** 3 days

13 **Title of the activity:** XVIII Escuela del Observatorio Virtual Español
Geographical area: National
City of event: Madrid, Madrid, Comunidad de, Spain
Convening entity: Observatorio Virtual Español
City convening entity: Madrid, Spain
Type of participation: Organiser



Nº assistants: 14

Start-End date: 03/12/2020 - 04/12/2020

Duration: 2 days

14 Title of the activity: XVII Escuela del Observatorio Virtual Español

Geographical area: National

City of event: Madrid, Madrid, Comunidad de, Spain

Convening entity: Observatorio Virtual Español

City convening entity: Madrid, Spain

Type of participation: Organiser

Nº assistants: 19

Start-End date: 20/11/2020 - 23/11/2020

Duration: 2 days

15 Title of the activity: XV Escuela del Observatorio Virtual Español

Geographical area: National

City of event: Madrid, Madrid, Comunidad de, Spain

Convening entity: Observatorio Virtual Español

City convening entity: Madrid, Spain

Type of participation: Organiser

Nº assistants: 13

Start-End date: 06/02/2020 - 06/02/2020

Duration: 1 day

16 Title of the activity: XIV Escuela del Observatorio Virtual Español

Geographical area: National

City of event: Madrid, Madrid, Comunidad de, Spain

Convening entity: Observatorio Virtual Español

City convening entity: Madrid, Spain

Type of participation: Organiser

Nº assistants: 15

Start-End date: 18/11/2019 - 25/11/2019

Duration: 2 days

17 Title of the activity: XIII Escuela del Observatorio Virtual Español

Geographical area: National

City of event: Madrid, Madrid, Comunidad de, Spain

Convening entity: Observatorio Virtual Español

City convening entity: Madrid, Spain

Type of participation: Organiser

Nº assistants: 15

Start-End date: 04/03/2019 - 05/03/2019

Duration: 2 days

18 Title of the activity: XI Escuela del Observatorio Virtual Español

Type of activity: https://svo.cab.inta-csic.es/svoMeetings/index.php?mid=45&action=page&pagename=Meetings/SVO_thematic_network/Undecima_Escuela_SVO/Presentation

Geographical area: National

Convening entity: Observatorio Virtual Español

City convening entity: Torrejon, Madrid, Comunidad de, Spain

Type of participation: Organiser

Nº assistants: 25

Start-End date: 24/05/2018 - 25/05/2018

Duration: 2 days



- 19** **Title of the activity:** III VO ASTERICS School
Geographical area: European Union
City of event: Madrid, Madrid, Comunidad de, Spain
Convening entity: ASTERICS project
City convening entity: Madrid, Spain
Type of participation: Organiser
Nº assistants: 30
Start-End date: 14/11/2017 - 16/11/2017 **Duration:** 3 days
- 20** **Title of the activity:** Vatican Observatory Summer School 2018
Geographical area: European Union
Convening entity: Vatican Observatory
City convening entity: Albano Laziale, Vatican
Type of participation: Charla Invitada
Nº assistants: 30
Start-End date: 04/06/2017 - 29/06/2017 **Duration:** 26 days
- 21** **Title of the activity:** X Escuela del Observatorio Virtual Español
Geographical area: National
City of event: La Laguna, Canarias, Spain
Convening entity: Observatorio Virtual Español
City convening entity: La Laguna, Spain
Type of participation: Organiser
Nº assistants: 50
Start-End date: 06/03/2017 - 08/03/2017 **Duration:** 2 days
- 22** **Title of the activity:** II ASTERICS VO School
Geographical area: European Union
City of event: Estrasburgo, France
Convening entity: Proyecto ASTERICS
City convening entity: Estrasburgo, France
Type of participation: Organiser
Nº assistants: 45
Start-End date: 15/11/2016 - 17/11/2016 **Duration:** 3 days
- 23** **Title of the activity:** IX Escuela del Observatorio Virtual Español
Geographical area: National
City of event: Bilbao, País Vasco, Spain
Convening entity: Observatorio Virtual Español
City convening entity: Bilbao, Spain
Type of participation: Organiser
Nº assistants: 10
Start-End date: 19/07/2016 - 19/07/2016 **Duration:** 2 days
- 24** **Title of the activity:** I Asterics VO School
Geographical area: National
City of event: Madrid, Madrid, Comunidad de, Spain
Convening entity: Proyecto ASTERICS
City convening entity: Madrid, Spain
Type of participation: Organiser
Nº assistants: 50



Start-End date: 15/12/2015 - 17/12/2015

Duration: 3 days

25 Title of the activity: VIII Escuela del Observatorio Virtual Español

Geographical area: National

City of event: Madrid, Madrid, Comunidad de, Spain

Convening entity: Observatorio Virtual Español

City convening entity: Madrid, Spain

Type of participation: Organiser

Nº assistants: 35

Start-End date: 25/11/2014 - 26/11/2014

Duration: 2 days

26 Title of the activity: VII Escuela del Observatorio Virtual Español

Geographical area: National

City of event: Teruel, Aragón, Spain

Convening entity: Observatorio Virtual Español

Type of participation: Organiser

Nº assistants: 30

Start-End date: 10/09/2014 - 10/09/2014

Duration: 1 day

27 Title of the activity: VI Escuela del Observatorio Virtual Español

Geographical area: National

City of event: Valencia, Comunitat Valenciana, Spain

Convening entity: Observatorio Virtual Español

Type of participation: Organiser

Nº assistants: 22

Start-End date: 02/07/2014 - 03/07/2014

Duration: 2 days

28 Title of the activity: V Escuela del Observatorio Virtual Español

Geographical area: National

City of event: Santander, Cantabria, Spain

Convening entity: Observatorio Virtual Español

Type of participation: Organiser

Nº assistants: 22

Start-End date: 11/06/2014 - 12/06/2014

Duration: 2 days

29 Title of the activity: Primer workshop SVO sobre publicación de datos en Observatorio Virtual

Geographical area: National

City of event: Madrid, Madrid, Comunidad de, Spain

Convening entity: Observatorio Virtual Español

City convening entity: Madrid, Madrid, Comunidad de, Spain

Type of participation: Organiser

Nº assistants: 20

Start-End date: 08/04/2014 - 09/04/2014

Duration: 2 days

30 Title of the activity: Desarrollo de instrumentación astronómica en España: perspectivas y estrategia para la próxima década

Geographical area: National

City of event: Madrid, Madrid, Comunidad de, Spain

Convening entity: Proyecto Astromadrid

City convening entity: Madrid, Madrid, Comunidad de, Spain

Type of participation: Organiser



Start-End date: 25/09/2013 - 27/09/2013

Duration: 3 days

- 31 Title of the activity:** CoSADIE VO School
Geographical area: European Union
City of event: Madrid, Madrid, Comunidad de, Spain
Convening entity: Euro-VO. Proyecto CoSADIE
Type of participation: Organiser
Nº assistants: 50
Start-End date: 05/02/2013 - 07/02/2013

Duration: 3 days

- 32 Title of the activity:** La Astronomía y los desarrollos tecnológicos
Type of activity: Curso de verano Universidad Politécnica de Cartagena
Geographical area: National
Convening entity: Universidad Politécnica de Cartagena
Type of entity: University
City convening entity: Cartagena, Spain
Type of participation: Organiser
Start-End date: 23/07/2012 - 25/07/2012

- 33 Title of the activity:** Euro-VO ICE School
Type of activity: <https://cde.unistra.fr/voschool2011/index.html>
Geographical area: European Union
City of event: Strasbourg, France
City convening entity: Madrid, Madrid, Comunidad de, Spain
Type of participation: Organiser
Nº assistants: 31
Start-End date: 21/03/2011 - 24/03/2011

Duration: 4 days

- 34 Title of the activity:** ESAC VO school
Geographical area: European Union
Convening entity: European Space Astronomy Centre
Type of entity: Space agency
City convening entity: Villanueva de la Cañada, Madrid, Comunidad de, Spain
Type of participation: Organiser
Start-End date: 19/10/2010 - 20/10/2010

Duration: 2 days

- 35 Title of the activity:** RoPACS meeting: VO school
Geographical area: European Union
City convening entity: Madrid, Madrid, Comunidad de, Spain
Type of participation: Organiser
Start date: 10/2011

- 36 Title of the activity:** Cuarta Escuela de la Red Temática SVO
Geographical area: National
City convening entity: Barcelona, Cataluña, Spain
Type of participation: Organiser
Start date: 10/2010

- 37 Title of the activity:** IV Workshop de Telescopios Robóticos en España
Geographical area: National
City convening entity: Valencia, Comunitat Valenciana, Spain

Type of participation: Organiser
Start date: 10/2010

38 Title of the activity: Primera Reunión Científica de la Red de Explotación de Gaia
Geographical area: National
City convening entity: San Fernando, Andalucía, Spain
Type of participation: Miembro del Comité Científico
Start date: 06/2010

39 Title of the activity: Tercera Escuela de la Red Temática SVO
Geographical area: National
City convening entity: Madrid, Madrid, Comunidad de, Spain
Type of participation: Organiser
Start date: 06/2010

40 Title of the activity: Segunda Escuela de la Red Temática SVO
Geographical area: National
City convening entity: La Laguna, Canarias, Spain
Type of participation: Organiser
Start date: 03/2010

41 Title of the activity: Primera Escuela de la Red Temática SVO
Geographical area: National
City convening entity: Granada, Andalucía, Spain
Type of participation: Organiser
Start date: 10/2009

42 Title of the activity: EuroVO-AIDA School 2009
Geographical area: European Union
City convening entity: Estrasburgo, France
Type of participation: Miembro del Comité Científico
Start date: 01/2009

43 Title of the activity: The Lisbon VO-Info Workshop
Geographical area: European Union
City convening entity: Lisboa, Portugal
Type of participation: Organiser
Start date: 10/2008

National and international forums and committees

- 1 Name of the forum:** Miembro del Comité Ejecutivo del proyecto Astronomical Resource Cross-matching for High Energy Studies (ARCHES).
Organising entity: Unión Europea. Programa Marco VII
Start-End date: 01/01/2013 - 30/06/2015
- 2 Name of the forum:** Miembro del Comité Ejecutivo del proyecto CoSADIE. Collaborative and Sustainable Astronomical Data Infrastructure for Europe
Organising entity: Unión Europea. Programa Marco VII
Start-End date: 01/09/2012 - 31/08/2014



- 3** **Name of the forum:** Miembro del Comité Ejecutivo del proyecto Astrofísica y Desarrollos tecnológicos en la Comunidad de Madrid. ASTROMADRID-CM.
Organising entity: Comunidad de Madrid **Type of entity:** Others
Start-End date: 01/01/2010 - 31/12/2013
- 4** **Name of the forum:** Miembro del Comité Ejecutivo del proyecto Primera Ciencia con el GTC. La Astronomía Española en vanguardia de la Astronomía Europea. Proyecto CONSOLIDER-INGENIO
Organising entity: Ministerio de Ciencia e Innovación. Investigación **Type of entity:** Others
Start-End date: 15/09/2006 - 31/12/2012
- 5** **Name of the forum:** Miembro del Comité Ejecutivo del proyecto EuroVO Astronomical Infrastructure for Data Access (EuroVO-AIDA).
Organising entity: Unión Europea. Programa Marco VII
Start-End date: 01/02/2008 - 31/07/2010
- 6** **Name of the forum:** Miembro del Comité Ejecutivo del proyecto Desarrollo y explotación de instrumentación astronómica (ASTRID).
Organising entity: Comunidad de Madrid **Type of entity:** other
Start-End date: 01/01/2006 - 31/12/2009
- 7** **Name of the forum:** Miembro del Comité Ejecutivo del proyecto The European Virtual Observatory Data Centre Alliance (EURO-VO DCA).
Organising entity: Unión Europea. Programa Marco VI
Start-End date: 01/09/2006 - 31/12/2008
- 8** **Name of the forum:** Miembro del Comité Científico de la Red Española para la explotación científica de Gaia
Start date: 2015
- 9** **Name of the forum:** Miembro del Comité de Dirección de Euro-VO
Start date: 01/09/2006
- 10** **Name of the forum:** Miembro del Comité Ejecutivo de la International Virtual Observatory Alliance
Start date: 06/2004



Other achievements

Scientific societies and professional associations

- 1 Name of the society:** European Astronomical Society
- 2 Name of the society:** Sociedad Española de Astronomía

Periods of research activity and knowledge transfer

- 1 Name of the action:** CNEAI Six-year research evaluation
Certifying entity: Requested
Type of activity: Research
Starting year: 2010
Completion date: 2015
Evaluation period: 2010, 2011, 2012, 2013, 2014, 2015
- 2 Name of the action:** CNEAI Six-year research evaluation
Certifying entity: Requested
Type of activity: Research
Starting year: 2016
Completion date: 2021
Evaluation period: 2016, 2017, 2018, 2019, 2020, 2021
- 3 Name of the action:** Five-year teaching evaluation
Type of activity: Research
Starting year: 2005
Completion date: 2009
Evaluation period: 2005, 2006, 2007, 2008, 2009
- 4 Name of the action:** Five-year teaching evaluation
Type of activity: Research
Starting year: 2010
Completion date: 2014
Evaluation period: 2010, 2011, 2012, 2013, 2014
- 5 Name of the action:** Five-year teaching evaluation
Type of activity: Research
Starting year: 2015
Completion date: 2019
Evaluation period: 2015, 2016, 2017, 2018, 2019