



Oscar Luaces Rodríguez

Generated from: Editor CVN de FECYT

Date of document: 01/12/2024

v 1.4.3

62658d4d9788dbb29e91ca140f51fadd

This electronic file (PDF) has embedded CVN technology (CVN-XML). The CVN technology of this file allows you to export and import curricular data from and to any compatible data base. List of adapted databases available at: <http://cvn.fecyt.es/>



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.

- * Quality indicators on September, 7, 2023:
- * Acknowledged Research six-year periods: 4 (1998/2003, 2004/2009, 2010/2015, 2016/2021)
- * Total JCR publications in Q1 + Q2: 26
- * Doctoral Thesis advised: 3 (in the last 10 years: 2)
- * Total Cites: 1477 (source Google Scholar)
- * H index: 22 (source Google Scholar)
- * Google Scholar: <https://scholar.google.es/citations?user=wx8HBzAAAAAJ&hl=es>



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.

Quality indicators on December, 5, 2022:

Acknowledged Research six-year periods: **4** (1998/2003, 2004/2009, 2010/2015, 2016/2021)

Total JCR publications in Q1 + Q2: **25**

Doctoral Thesis advised in the last 10 years: **2**

Total Cites: **1349** (source Google Scholar)

H index: **22** (source Google Scholar)

Google Scholar: <https://scholar.google.es/citations?user=wx8HBzAAAAAJ&hl=es>



Oscar Luaces Rodríguez

Surname(s): **Luaces Rodríguez**
Name: **Oscar**
ORCID: **0000-0001-8476-9412**
ScopusID: **6603154001**
ResearcherID: **C-6009-2018**
Date of birth: **15/03/1969**
Gender: **Male**
Nationality: **Spain**
Contact aut. region/reg.: **Principality of Asturias**
Email: **oluaces@uniovi.es**
Personal web page: **<https://www.aic.uniovi.es/oluaces>**

Current professional situation

- 1** **Employing entity:** Universidad de Oviedo **Type of entity:** University
Department: Escuela Politécnica de Ingeniería de Gijón
Professional category: Catedrático de Universidad
Start date: 28/11/2023
- 2** **Employing entity:** Universidad de Oviedo
Department: Informática, Escuela Politécnica Superior de Ingeniería de Gijón
Professional category: Profesor Titular de Universidad
Start date: 19/08/2003
Type of contract: Civil servant **Dedication regime:** Full time
Identify key words: Information technology and adata processing

Previous positions and activities

	Employing entity	Professional category	Start date
1	Universidad de Oviedo	Profesor Titular Interino	11/2000
2	Universidad de Oviedo	Profesor Asociado	11/1996
3	Universidad Pontificia de Salamanca	Profesor Adjunto	11/1995
4	ERITEL, S.A. (Grupo INDRA S.S.I)	Programador	03/1995
5	Transportes Tresh	Programador	03/1990
6	G.A.D.D., S.A.	Programador	09/1989

- 1** **Employing entity:** Universidad de Oviedo **Type of entity:** University
Professional category: Profesor Titular Interino
Start-End date: 11/2000 - 08/2003



- | | |
|--|--|
| <p>2 Employing entity: Universidad de Oviedo
Professional category: Profesor Asociado
Start-End date: 11/1996 - 10/2000</p> | <p>Type of entity: University</p> |
| <p>3 Employing entity: Universidad Pontificia de Salamanca
Professional category: Profesor Adjunto
Start-End date: 11/1995 - 10/1996</p> | <p>Type of entity: University</p> |
| <p>4 Employing entity: ERITEL, S.A. (Grupo INDRA S.S.I)
Professional category: Programador
Start-End date: 03/1995 - 11/1995</p> | <p>Type of entity: Business</p> |
| <p>5 Employing entity: Transportes Tresh
Professional category: Programador
Start-End date: 03/1990 - 12/1991</p> | <p>Type of entity: Business</p> |
| <p>6 Employing entity: G.A.D.D., S.A.
Professional category: Programador
Start-End date: 09/1989 - 12/1989</p> | <p>Type of entity: Business</p> |



Education

University education

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

- 1 University degree:** Higher degree
Name of qualification: Ingeniero en Informática
Degree awarding entity: Universidad de Oviedo **Type of entity:** University
Date of qualification: 1994
- 2 University degree:** Middle degree
Name of qualification: Diplomado en Informática Rama Sistemas
Degree awarding entity: Universidad de Oviedo **Type of entity:** University
Date of qualification: 1990

Doctorates

Doctorate programme: Doctor Ingeniero en Informática
Degree awarding entity: Universidad de Oviedo **Type of entity:** University
Date of degree: 1999

Language skills

Language	Listening skills	Reading skills	Spoken interaction	Speaking skills	Writing skills
English	C1	C1	C1	C1	C1
Gallegan	C2	C2	C2	C1	C1

Teaching experience

General teaching experience

- 1 Name of the course:** Deep Learning
University degree: Máster Universitario en Investigación en Inteligencia Artificial
Start date: 2018
Entity: Universidad Internacional Menéndez Pelayo **Type of entity:** University
- 2 Name of the course:** Sistemas de Recomendación
University degree: Máster Universitario en Investigación en Inteligencia Artificial
Start date: 2016
Entity: Universidad Internacional Menéndez Pelayo **Type of entity:** University



- 3 Name of the course:** Fundamentos de Informática
University degree: Graduado o Graduada en Ingeniería Infomática
Entity: Universidad de Oviedo **Type of entity:** University
Faculty, institute or centre: Escuela Politécnica Superior de Ingeniería de Gijón
- 4 Name of the course:** Ingeniería del Conocimiento
University degree: Ingeniero en Informática
Entity: Universidad de Oviedo **Type of entity:** University
Faculty, institute or centre: Escuela Politécnica Superior de Ingeniería de Gijón
- 5 Name of the course:** Inteligencia Artificial
University degree: Ingeniero en Informática
Entity: Universidad de Oviedo **Type of entity:** University
Faculty, institute or centre: Escuela Politécnica Superior de Ingeniería de Gijón
- 6 Name of the course:** Introducción a la programación
University degree: Graduado o Graduada en Ingeniería Infomática
Entity: Universidad de Oviedo **Type of entity:** University
Faculty, institute or centre: Escuela Politécnica Superior de Ingeniería de Gijón
- 7 Name of the course:** Metodología de la Programación I
University degree: Ingeniero Técnico en Informática de Sistemas
Entity: Universidad de Oviedo **Type of entity:** University
Faculty, institute or centre: Escuela Politécnica Superior de Ingeniería de Gijón
- 8 Name of the course:** Sistemas Multimedia
University degree: Ingeniero en Informática
Entity: Universidad de Oviedo **Type of entity:** University
Faculty, institute or centre: Escuela Politécnica Superior de Ingeniería de Gijón
- 9 Name of the course:** Fundaments of Intelligent Data Analysis
University degree: Máster Universitario en Soft Computing y Análisis Inteligente de Datos
Entity: European Centre for Soft Computing **Type of entity:** R&D Centre

Experience supervising doctoral thesis and/or final year projects

- 1 Project title:** Tesis Doctoral: Influence of the inclusion of unstructured data in Recommender Systems
Type of project: Doctoral thesis
Co-director of thesis: Jorge Díez Peláez
Entity: Universidad de Oviedo **Type of entity:** University
Student: Pablo Pérez Núñez
Obtained qualification: Sobresaliente cum laude
Date of reading: 01/12/2022
European doctorate: Yes **Date of recognition:** 01/12/2022
- 2 Project title:** Proyecto fin de carrera: Asistente personal para alumnos destinado a facilitar el desarrollo de sus actividades académicas
Entity: Escuela Politécnica Superior de Ingeniería de Gijón **Type of entity:** University Centres and Structures and Associated Bodies
Student: SUÁREZ MONTERO, ADRIÁN



Obtained qualification: 9,5
Date of reading: 06/07/2016

- 3** **Project title:** Tesis Doctoral: Diseño de robots biomédicos. Aplicación en medicina traslacional
Type of project: Doctoral thesis
Co-director of thesis: Fernández Martínez, Juan Luis
Entity: Universidad de Oviedo **Type of entity:** University
Student: Enrique Juan de Andrés Galiana
Obtained qualification: Sobresaliente cum laude
Date of reading: 2016
- 4** **Project title:** Proyecto fin de carrera: Servicio de edición y compilación on-line de LaTeX
Entity: Escuela Politécnica Superior de Ingeniería de Gijón **Type of entity:** University Centres and Structures and Associated Bodies
Student: JIMENO RUBIO, SANDRA
Obtained qualification: 9,5
Date of reading: 27/11/2012
- 5** **Project title:** Proyecto fin de carrera: Sistema de obtención de umbral probabilístico para clasificadores multietiqueta
Entity: Escuela Politécnica Superior de Ingeniería de Gijón **Type of entity:** University Centres and Structures and Associated Bodies
Student: TOIMIL MARTÍN, DANIEL
Obtained qualification: 9,5
Date of reading: 24/07/2012
- 6** **Project title:** Proyecto fin de carrera: Portal temático de Conocimiento Profesional
Entity: Escuela Politécnica Superior de Ingeniería de Gijón **Type of entity:** University Centres and Structures and Associated Bodies
Student: ALVAREZ VALDEÓN, IGNACIO
Obtained qualification: 9,5
Date of reading: 05/07/2012
- 7** **Project title:** Proyecto fin de carrera: Clasificadores Multi-etiqueta graduadas
Entity: Escuela Politécnica Superior de Ingeniería de Gijón
Student: LASTRA MADRID, GERARDO JESÚS
Obtained qualification: 10,0
Date of reading: 12/07/2011
- 8** **Project title:** Proyecto fin de carrera: Selección de intervalos para la clasificación de ingredientes de comidas de animales mediante espectroscopia de infrarrojo cercano
Entity: Escuela Politécnica Superior de Ingeniería de Gijón **Type of entity:** University Centres and Structures and Associated Bodies
Student: SÁNCHEZ DEL RIVERO, JOSÉ ANTONIO
Obtained qualification: 10,0
Date of reading: 12/07/2011
- 9** **Project title:** Proyecto fin de carrera: Toolbox de Aprendizaje Automático para Matlab
Entity: Escuela Politécnica Superior de Ingeniería de Gijón **Type of entity:** University Centres and Structures and Associated Bodies
Student: RIVELA VALLINA, FRANCISCO JAVIER



Obtained qualification: 9,5
Date of reading: 06/07/2011

- 10** **Project title:** Proyecto fin de carrera: Técnicas de aprendizaje automático para predecir la duración de la estancia de pacientes en la UCI
Entity: Escuela Politécnica Superior de Ingeniería de Gijón
Student: FERNÁNDEZ COSSÍO, LUCÍA
Obtained qualification: 9,5
Date of reading: 02/02/2007
Type of entity: University Centres and Structures and Associated Bodies
- 11** **Project title:** Proyecto fin de carrera: Algoritmo de inducción de reglas combinando generalización de instancias y clasificación Round-Robin
Entity: Escuela Politécnica Superior de Ingeniería de Gijón
Student: BEZANILLA DÍAZ, IGNACIO
Obtained qualification: 9,5
Date of reading: 04/07/2003
Type of entity: University Centres and Structures and Associated Bodies
- 12** **Project title:** Tesis Doctoral: Aprendizaje de funciones de valoración a partir de ordenaciones
Co-director of thesis: del Coz, Juan José; Bahamonde, Antonio
Entity: Universidad de Oviedo
Student: Jorge Díez Peláez
Date of reading: 2003
Type of entity: University
- 13** **Project title:** Proyecto fin de carrera: ML-LAB 2.0: Herramientas Avanzadas de Experimentación en Aprendizaje Automático.
Entity: Escuela Politécnica Superior de Ingeniería de Gijón
Student: URÍA PAÍNO, GUSTAVO
Obtained qualification: 10,0
Date of reading: 26/09/2002
Type of entity: University Centres and Structures and Associated Bodies
- 14** **Project title:** Proyecto fin de carrera: Estudio de técnicas para la determinación de la relevancia en sistemas de aprendizaje a partir de ejemplos
Entity: Escuela Politécnica Superior de Ingeniería de Gijón
Student: FERRERAS LABRA, GONZALO
Obtained qualification: 9,5
Date of reading: 20/12/2001
Type of entity: University Centres and Structures and Associated Bodies
- 15** **Project title:** Proyecto fin de carrera: Aprendizaje de Categorías Continuas a partir de un Conjunto de Entrenamiento: AC3
Entity: Escuela Politécnica Superior de Ingeniería de Gijón
Student: GONZÁLEZ PÉREZ, FERNANDO
Obtained qualification: 10,0
Date of reading: 05/10/2001
Type of entity: University Centres and Structures and Associated Bodies
- 16** **Project title:** Proyecto fin de carrera: ML-LAB: Laboratorio de Aprendizaje Automático
Entity: Escuela Politécnica Superior de Ingeniería de Gijón
Type of entity: University Centres and Structures and Associated Bodies



Student: FERNÁNDEZ BAYÓN, GUSTAVO
Obtained qualification: 10,0
Date of reading: 30/01/2001

- 17** **Project title:** Proyecto fin de carrera: Sistema de aprendizaje automático por aglomeración de instancias
Entity: Escuela Politécnica Superior de Ingeniería de Gijón
Student: Díez, Jorge
Obtained qualification: 10
Date of reading: 03/11/2000
Type of entity: University Centres and Structures and Associated Bodies
- 18** **Project title:** Proyecto fin de carrera: Sistema de aprendizaje automático por aglomeración de instancias
Entity: Escuela Politécnica Superior de Ingeniería de Gijón
Student: DÍEZ PELÁEZ, JORGE
Obtained qualification: 10,0
Date of reading: 03/11/2000
Type of entity: University Centres and Structures and Associated Bodies

Materials and other teaching or educational publications.

Varela, Ramiro; Luaces, Oscar; Ranilla, José; Bahamonde, Antonio. Una experiencia sobre el uso de internet como herramienta docente, CONOCIMIENTO, MÉTODO Y TECNOLOGÍAS EN LA EDUCACIÓN A DISTANCIA. ACTAS DE LAS JORNADAS UNED-2000. pp. 326 - 329.

Name of the materials: Ponencia
Date of drafting: 2000
Format: Article(s)

Participation in innovative teaching projects

Project title: Incorporación de la asignatura Inteligencia Artificial a AulaNet (Campus Virtual)
Type of participation: Co-ordinator
Name of the main researcher: Luaces, Oscar
Number of participants: 4
Amount awarded: 3.000 €
Funding entity: Universidad de Oviedo
Start-End date: 2003 - 2004
Type of entity: University



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:** Explainable learning for Dyadic Data (xLearn) - Ref. PID2019-109238GB-C21
Entity where project took place: Universidad de Oviedo **Type of entity:** University
Name principal investigator (PI, Co-PI....): Antonio Bahamonde; Oscar Luaces
Nº of researchers: 9
Funding entity or bodies: Ministerio de Ciencia e Innovación **Type of entity:** -
Start-End date: 01/06/2020 - 31/05/2024
Total amount: 82.764 €
- 2** **Name of the project:** Artificial Intelligence & Data Analysis (AIDA) Ref. FC-GRUPIN-IDI/2018/000176
Entity where project took place: Universidad de Oviedo **Type of entity:** University
Name principal investigator (PI, Co-PI....): María Camino Rodríguez Vela
Funding entity or bodies: FUNDACION PARA EL FOMENTO EN ASTURIAS DE LA INVESTIGACION CIENTIFICA APLICADA Y LA TECNOLOGIA
Start-End date: 01/01/2018 - 31/12/2020
Total amount: 180.400 €
- 3** **Name of the project:** Algoritmos Escalables de Aprendizaje Computacional: Mas Allá de la Clasificación y la Regresión - REF. TIN2015-65069-C2-2-R
Entity where project took place: Universidad de Oviedo **Type of entity:** University
Name principal investigator (PI, Co-PI....): Juan José del Coz Velasco; Oscar Luaces
Nº of researchers: 9
Funding entity or bodies: Ministerio de Economía y Competitividad
Start-End date: 01/01/2016 - 31/12/2019
Total amount: 112.000 €
- 4** **Name of the project:** Redes De Excelencia: Big Data Y Análisis De Datos Escalable - TIN2016-82013-REDT
Name principal investigator (PI, Co-PI....): Herrera, Francisco
Funding entity or bodies: Ministerio de Economía y Competitividad **Type of entity:** Ministerio
City funding entity: Spain
Start-End date: 01/07/2017 - 30/06/2019
Participating entity/entities: 10 grupos de Universidades españolas



Total amount: 12.000 €

5 Name of the project: Redes De Excelencia: Big Data Y Análisis De Datos Escalable - TIN2014-56425-REDT

Name principal investigator (PI, Co-PI....): Herrera, Francisco

Funding entity or bodies:

Ministerio de Economía y Competitividad

Type of entity: Ministerio

City funding entity: Spain

Start-End date: 01/01/2015 - 31/12/2016

Participating entity/entities: 10 grupos de Universidades españolas

Total amount: 13.500 €

6 Name of the project: Desarrollo De Software Inteligente Basado En Aprendizaje Automático, Aplicado A Problemas Reales De Ordenación Y Clasificación - (Sibaoc) - Ref. Tic2001-3579

Entity where project took place: Universidad de Oviedo **Type of entity:** University

Name principal investigator (PI, Co-PI....): Antonio Bahamonde Rionda; Oscar Luaces Rodríguez

Nº of researchers: 7

Funding entity or bodies:

MINISTERIO DE CIENCIA Y TECNOLOGÍA

Start-End date: 28/12/2001 - 27/12/2004

Duration: 3 years

Participating entity/entities: CENTRO DE INTELIGENCIA ARTIFICIAL

Total amount: 106.499,35 €

7 Name of the project: Herramientas De Clasificación De Múltiples Etiquetas Con Aplicaciones Al Análisis De Opiniones Y A Problemas Biológicos (Hecme) - Ref. Tin2011-23558

Entity where project took place: Universidad de Oviedo **Type of entity:** University

Name principal investigator (PI, Co-PI....): JUAN JOSÉ DEL COZ VELASCO

Nº of researchers: 8

Funding entity or bodies:

Ministerio de Ciencia e Innovación

Type of entity: -

City funding entity: Madrid, Community of Madrid, Spain

Start date: 01/01/2012

Duration: 3 years - 11 months - 30 days

Participating entity/entities: CENTRO DE INTELIGENCIA ARTIFICIAL

8 Name of the project: Acción Especial "Red Española De Minería De Datos Y Aprendizaje Automático" REF. TIN2010-09163-E

Name principal investigator (PI, Co-PI....): JOSÉ CRISTÓBAL RIQUELME SANTOS

Nº of researchers: 8

Funding entity or bodies:

MINISTERIO DE CIENCIA Y TECNOLOGÍA

Start date: 01/10/2010

Duration: 3 years - 2 months - 30 days

Participating entity/entities: 43 grupos de 30 universidades españolas

Total amount: 10.000 €

9 Name of the project: Integración De Métodos De Análisis De Imagen De Grupos Planctónicos Con Técnicas De Inteligencia Artificial (IMAGINA) - REF. IB09-059C2

Entity where project took place: Universidad de Oviedo **Type of entity:** University



Name principal investigator (PI, Co-PI...): JUAN JOSÉ DEL COZ VELASCO

Nº of researchers: 5

Funding entity or bodies:

FICYT

Start date: 01/09/2009

Duration: 1 year - 3 months - 30 days

Participating entity/entities: INSTITUTO OCEANOGRÁFICO DE GIJÓN - CENTRO DE INTELIGENCIA ARTIFICIAL

10 Name of the project: Desarrollo De Nuevas Técnicas De Extracción De Conocimiento Con Aplicaciones A La Bio-Medicina, Ganadería Y Alimentación REF. TIN2008-06247

Entity where project took place: Universidad de Oviedo **Type of entity:** University

Name principal investigator (PI, Co-PI...): JUAN JOSÉ DEL COZ VELASCO

Nº of researchers: 6

Funding entity or bodies:

Ministerio de Ciencia e Innovación

Type of entity: Body, others

Start date: 01/01/2009

Duration: 2 years - 11 months - 30 days

Participating entity/entities: CENTRO DE INTELIGENCIA ARTIFICIAL

11 Name of the project: Acción Especial "Red Española De Minería De Datos Y Aprendizaje Automático" REF. TIN2006-27675-E

Name principal investigator (PI, Co-PI...): JOSÉ CRISTÓBAL RIQUELME SANTOS

Nº of researchers: 8

Funding entity or bodies:

MINISTERIO DE CIENCIA Y TECNOLOGÍA

Start date: 01/01/2007

Duration: 1 year

Participating entity/entities: 37 grupos de 30 universidades españolas

Total amount: 15.000 €

12 Name of the project: Identificación De Factores Relevantes En Problemas Reales Mediante Técnicas De Aprendizaje Automático - REF. TIN2005-08288

Entity where project took place: Universidad de Oviedo **Type of entity:** University

Name principal investigator (PI, Co-PI...): ANTONIO BAHAMONDE RIONDA

Nº of researchers: 8

Funding entity or bodies:

MINISTERIO DE EDUCACION Y CIENCIA

City funding entity: Spain

Start date: 31/12/2005

Duration: 3 years

Participating entity/entities: CENTRO DE INTELIGENCIA ARTIFICIAL

13 Name of the project: Acción Especial "Red Española De Minería De Datos Y Aprendizaje Automático" REF. TIN2004-21343-E

Name principal investigator (PI, Co-PI...): JOSÉ CRISTÓBAL RIQUELME SANTOS

Nº of researchers: 8

Funding entity or bodies:

MINISTERIO DE CIENCIA Y TECNOLOGÍA

Start date: 01/11/2004

Duration: 2 years

Participating entity/entities: Varias Universidades Españolas



Total amount: 12.000 €

- 14** **Name of the project:** Acción Especial "Red Española De Minería De Datos Y Aprendizaje Automático" Ref. TIC2002-11124-E
Name principal investigator (PI, Co-PI...): JOSÉ CRISTÓBAL RIQUELME SANTOS
Nº of researchers: 8
Funding entity or bodies: MINISTERIO DE CIENCIA Y TECNOLOGÍA
Start date: 01/06/2003 **Duration:** 1 year
Participating entity/entities: Varias Universidades Españolas
Total amount: 18.000 €
- 15** **Name of the project:** Sistema De Aprendizaje Automático Flexible (SAAF) - Ref. DGE-99-PB98-1556
Entity where project took place: Universidad de Oviedo **Type of entity:** University
Name principal investigator (PI, Co-PI...): ANTONIO BAHAMONDE RIONDA
Nº of researchers: 6
Funding entity or bodies: DIRECCIÓN GENERAL DE ENSEÑANZA SUPERIOR E INVESTIGACIÓN CIENTÍFICA
Start date: 12/1999 **Duration:** 2 years
Participating entity/entities: CENTRO DE INTELIGENCIA ARTIFICIAL
- 16** **Name of the project:** Estudio Del Sistema De Producción De Vacas De Cría En Asturias Para La Optimización Económica De Decisiones De Selección - Ref. CICYT-FEDER IFD97-1633
Entity where project took place: Universidad de Oviedo **Type of entity:** University
Name principal investigator (PI, Co-PI...): FÉLIX M^a GOYACHE GOÑI
Nº of researchers: 11
Funding entity or bodies: CICYT - FEDER
Start date: 11/1999 **Duration:** 2 years
Participating entity/entities: ASEAVA; CENTRO INTELIGENCIA ARTIFICIAL; CIATA-CONSEJERÍA DE MEDIO RURAL Y PESCA; EASA; UCM
- 17** **Name of the project:** Calificación Morfológica Diferida En Vivo Y Canal Mediante Técnicas De Inteligencia Artificial Y Análisis Numérico De Imagen De Un Archivo Fotográfico Digital De La Población Bovina Asturiana De Los Valles - Ref. FC-99-AE-AGR99-03
Entity where project took place: Universidad de Oviedo **Type of entity:** University
Name principal investigator (PI, Co-PI...): JOSÉ SECUNDINO LÓPEZ GARCÍA
Nº of researchers: 12
Funding entity or bodies: FUNDACION PARA EL FOMENTO EN ASTURIAS DE LA INVESTIGACION CIENTIFICA APLICADA Y LA TECNOLOGIA
City funding entity: Spain
Start date: 07/1999 **Duration:** 5 months
Participating entity/entities: CENTRO DE INTELIGENCIA ARTIFICIAL y CENSYRA-CONSEJERÍA DE MEDIO RURAL Y PESCA DEL PRINCIPADO DE ASTURIAS



- 18** **Name of the project:** Sistema De Aprendizaje Automático Flexible (SAAF) - Ref. NP-99-534-11
Entity where project took place: Universidad de Oviedo **Type of entity:** University
Name principal investigator (PI, Co-PI....): ANTONIO BAHAMONDE RIONDA
Nº of researchers: 6
Funding entity or bodies: Universidad de Oviedo **Type of entity:** University
City funding entity: Oviedo, Principality of Asturias, Spain
Start date: 03/1999 **Duration:** 9 months
Participating entity/entities: CENTRO DE INTELIGENCIA ARTIFICIAL
- 19** **Name of the project:** Autoorganización De Reglas Aprendidas Paralelamente A Partir De Ejemplos (ARAPE)
Entity where project took place: Universidad de Oviedo **Type of entity:** University
Name principal investigator (PI, Co-PI....): ANTONIO BAHAMONDE RIONDA
Nº of researchers: 4
Funding entity or bodies: DIRECCIÓN GENERAL DE ENSEÑANZA SUPERIOR (DGES)
Start date: 01/10/1997 **Duration:** 1 year
Participating entity/entities: CENTRO DE INTELIGENCIA ARTIFICIAL

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

- 1** **Name of the project:** InDeepVision: Visión Artificial mediante Deep Learning para la Industria
Name principal investigator (PI, Co-PI....): Beatriz Remeseiro
Nº of researchers: 3
Funding entity or bodies: Táctica TIC **Type of entity:** Business
Start date: 21/01/2020 **Duration:** 8 months
Total amount: 8.200 €
- 2** **Name of the project:** Clasificador multiclase en sistemas telefónicos interactivos IVR
Degree of contribution: Researcher
Name principal investigator (PI, Co-PI....): Jorge Díez
Nº of researchers: 3
Funding entity or bodies: ALISYS DIGITAL **Type of entity:** Business
Start date: 15/11/2018 **Duration:** 8 months
Total amount: 7.518 €
- 3** **Name of the project:** PhotoAnalytics - Investigación y diseño de una nueva metodología para el diseño, desarrollo y despliegue de técnicas de análisis de datos Big Data orientadas a plantas fotovoltaicas
Type of project: Research and development, including transfer
Degree of contribution: Researcher
Name principal investigator (PI, Co-PI....): Juan José Del Coz Velasco
Nº of researchers: 5
Funding entity or bodies:



TSK Electricidad y electrónica, S.A.

Start date: 01/05/2018

Duration: 2 years - 6 months

Total amount: 35.000 €

4 Name of the project: Proyecto Gamma Para Aprendizaje Automático En Eventos De Sobre Y Sub-Tensión De Contador

Name principal investigator (PI, Co-PI....): Jorge Díez Peláez

Nº of researchers: 5

Participating entity/entities: FUNDACION UNIVERSIDAD DE OVIEDO

Funding entity or bodies:

HIDROCANTABRICO DISTRIBUCION ELECTRICA SA

Start date: 05/2016

Duration: 11 months

Total amount: 22.000 €

5 Name of the project: Aprendizaje En-Línea Y Reconocimiento De Patrones Inéditos

Name principal investigator (PI, Co-PI....): Juan José Del Coz Velasco

Nº of researchers: 5

Participating entity/entities: FUNDACION UNIVERSIDAD DE OVIEDO

Funding entity or bodies:

CORPORACION ALIMENTARIA PEÑASANTA

Start date: 01/2012

Duration: 1 year

Total amount: 13.288 €

6 Name of the project: Evaluación Integral Del Impacto En Internet De Un Sitio Web (Evalweb)

Name principal investigator (PI, Co-PI....): Jorge Díez Peláez

Nº of researchers: 5

Participating entity/entities: CENTRO DE INTELIGENCIA ARTIFICIAL

Funding entity or bodies:

VORAGO TECNOLOGÍA S.L.

Start date: 01/2011

Duration: 9 months

7 Name of the project: Sistema Experto De Control De Enfermos Crónicos Y Ancianos Basado En Algoritmos Avanzados De Inteligencia Artificial

Name principal investigator (PI, Co-PI....): Oscar Luaces Rodriguez

Nº of researchers: 6

Participating entity/entities: CENTRO DE INTELIGENCIA ARTIFICIAL

Funding entity or bodies:

TESIS MEDICAL SOLUTIONS S.L.

Start date: 12/2010

Duration: 1 year - 4 months

8 Name of the project: Sistema Integral Para La Inteligencia Competitiva

Name principal investigator (PI, Co-PI....): Jorge Díez Peláez

Nº of researchers: 5

Participating entity/entities: CENTRO DE INTELIGENCIA ARTIFICIAL

Funding entity or bodies:

FETEN WEB S.L.

Start date: 09/2010

Duration: 7 months

Total amount: 19.640 €



- 9** **Name of the project:** Herramientas Para La Construcción De Sistemas De Control De Tráfico Urbano Autoadaptativos
Name principal investigator (PI, Co-PI....): Antonio Bahamonde Rionda
Nº of researchers: 9
Participating entity/entities: CENTRO DE INTELIGENCIA ARTIFICIAL
Funding entity or bodies: SOCIEDAD IBÉRICA DE CONSTRUCCIONES ELÉCTRICAS S. A. (SICE)
Start date: 11/2002 **Duration:** 1 year
Total amount: 104.400 €
- 10** **Name of the project:** Módulos Básicos Para La Gestión Global De Una Web Con Contenidos Específicos Del Ámbito Municipal
Name principal investigator (PI, Co-PI....): Pedro Hernández Arauzo
Nº of researchers: 11
Participating entity/entities: CENTRO DE INTELIGENCIA ARTIFICIAL
Funding entity or bodies: AYUNTAMIENTO DE GIJON
Start date: 05/2001 **Duration:** 2 years - 5 months
Total amount: 30.050,61 €
- 11** **Name of the project:** Determinación de las colas de vehículos en un cruce mediante detectores situados en la línea de parada
Name principal investigator (PI, Co-PI....): Antonio Bahamonde Rionda
Nº of researchers: 12
Participating entity/entities: CENTRO DE INTELIGENCIA ARTIFICIAL
Funding entity or bodies: SOCIEDAD IBÉRICA DE CONSTRUCCIONES ELÉCTRICAS S. A. (SICE)
Start date: 12/2000 **Duration:** 1 year
Total amount: 83.660,88 €
- 12** **Name of the project:** Sistema Informático Para La Optimización Del Rendimiento De Cubas Electrolíticas
Name principal investigator (PI, Co-PI....): Antonio Bahamonde Rionda
Nº of researchers: 10
Participating entity/entities: CENTRO DE INTELIGENCIA ARTIFICIAL
Funding entity or bodies: Asturiana de Zinc, S.A. **Type of entity:** Business
Start date: 12/1999 **Duration:** 1 year
Total amount: 66.231,53 €



Scientific and technological activities

Scientific production

H index: 22

Date of application: 05/12/2022

Source of H-Index: GOOGLE SCHOLAR

Publications, scientific and technical documents

- 1** Pablo Pérez-Núñez; Jorge Díez; Beatriz Remeseiro; Oscar Luaces; Antonio Bahamonde. All-in-one picture: visual summary of items in a recommender system. *Neural Computing and Applications*. 35, pp. 20339 - 20349. Springer, 2023. ISSN 0941-0643

Type of production: Scientific paper

Position of signature: 4

Total no. authors: 5

Impact source: ISI

Impact index in year of publication: 6,0 (2022)

Position of publication: 41

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Corresponding author: No

Category: Science Edition - COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE

Journal in the top 25%: No

No. of journals in the cat.: 145

- 2** Pablo Pérez Núñez; Jorge Díez; Oscar Luaces; Beatriz Remeseiro; Antonio Bahamonde. Users' photos of items can reveal their tastes in a recommender system. *Information Sciences*. 642, pp. 119227. Elsevier, 2023. ISSN 0020-0255
DOI: 10.1016/j.ins.2023.119227

Type of production: Scientific paper

Position of signature: 3

Total no. authors: 5

Impact source: ISI

Impact index in year of publication: 8,233

Position of publication: 16

Corresponding author: No

Category: Computer Science, Information Systems (2021)

Journal in the top 25%: Yes

No. of journals in the cat.: 164

- 3** Gonzalo de la Cruz; Madalena Lira; Oscar Luaces; Beatriz Remeseiro. Eye-LRCN: A Long-Term Recurrent Convolutional Network for Eye Blink Completeness Detection. *IEEE Transactions on Neural Networks and Learning Systems*. (United States of America): IEEE-INST ELECTRICAL ELECTRONICS ENGINEERS INC, 09/2022. ISSN 2162-237X

Type of production: Scientific paper

Position of signature: 3

Total no. authors: 4

Impact source: ISI

Impact index in year of publication: 14.255

Position of publication: 6

Format: Journal

Corresponding author: No

Category: COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE

Journal in the top 25%: Yes

No. of journals in the cat.: 145

- 4** Pablo Pérez Núñez; Jorge Díez Peláez; Oscar Luaces Rodríguez; Antonio Bahamonde Rionda. User encoding for clustering in very sparse recommender systems tasks. Multimedia Tools and Applications. Springer, 29/10/2021. ISSN 1380-7501
DOI: <https://doi.org/10.1007/s11042-021-11564-x>
Type of production: Scientific paper
Format: Journal
Corresponding author: No
Impact source: ISI
Category: Science Edition - COMPUTER SCIENCE, THEORY & METHODS
Impact index in year of publication: 2.757
Journal in the top 25%: No
Position of publication: 29
No. of journals in the cat.: 110
- 5** Pablo Pérez Núñez; Oscar Luaces; Antonio Bahamonde; Jorge Díez. Improving recommender systems by encoding items and user profiles considering the order in their consumption history. Progress in Artificial Intelligence. 9, pp. 67 - 75. 2020.
DOI: [10.1007/s13748-019-00199-7](https://doi.org/10.1007/s13748-019-00199-7)
Type of production: Scientific paper
Format: Journal
Corresponding author: No
- 6** Jorge Díez; Pablo Pérez Núñez; Oscar Luaces; Beatriz Remeseiro; Antonio Bahamonde. Towards Explainable Personalized Recommendations by Learning from Users' Photos. Information Sciences. 520, pp. 416 - 430. Elsevier, 2020. ISSN 0020-0255
DOI: <https://doi.org/10.1016/j.ins.2020.02.018>
Type of production: Scientific paper
Format: Journal
Corresponding author: No
Impact source: ISI
Category: Science Edition - COMPUTER SCIENCE, INFORMATION SYSTEMS
Impact index in year of publication: 5,910
Journal in the top 25%: Yes
Position of publication: 9
No. of journals in the cat.: 156
- 7** Díez, J.; Martínez-Rego, D.; Alonso-Betanzos, A.; Luaces, O.; Bahamonde, A.. Optimizing novelty and diversity in recommendations. Progress in Artificial Intelligence. 8, pp. 101 - 109. Springer, 2019.
DOI: [10.1007/s13748-018-0158-4](https://doi.org/10.1007/s13748-018-0158-4)
Type of production: Scientific paper
Format: Journal
Corresponding author: No
- 8** Jaime Alonso; Jorge Díez; Oscar Luaces; Antonio Bahamonde. A new method to learn growth curves of beef cattle using a factorization approach. Computers and Electronics in Agriculture. 151, pp. 77 - 83. Elsevier, 2018.
Type of production: Scientific paper
Format: Journal
Corresponding author: No
Impact source: ISI
Category: Computer Science, Interdisciplinary Applications
Impact index in year of publication: 2,427
Journal in the top 25%: No
Position of publication: 39
No. of journals in the cat.: 105
Impact source: ISI
Category: Agriculture, Multidisciplinary
Impact index in year of publication: 2,427
Journal in the top 25%: Yes
Position of publication: 7
No. of journals in the cat.: 56
- 9** Oscar Luaces; Jorge Díez; Antonio Bahamonde. A peer assessment method to provide feedback, consistent grading and reduce students' burden in massive teaching settings. Computers & Education. 126, pp. 283 - 295. Elsevier, 2018. ISSN 0360-1315

DOI: 10.1016/j.compedu.2018.07.016

Type of production: Scientific paper

Impact source: ISI

Impact index in year of publication: 4,538

Position of publication: 7

Format: Journal

Category: Computer Science, Interdisciplinary Applications

Journal in the top 25%: Yes

No. of journals in the cat.: 105

- 10** Shuchao Pang; Juan José del Coz; ZheZhou Yu; Oscar Luaces; Jorge Díez. Deep Learning and Preference Learning for Object Tracking: A Combined Approach. *Neural Processing Letters*. 47, pp. 859 - 876. Springer, 2018. ISSN 1370-4621

Type of production: Scientific paper

Impact source: ISI

Impact index in year of publication: 2,591

Position of publication: 59

Format: Journal

Category: Science Edition - COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE

Journal in the top 25%: No

No. of journals in the cat.: 134

- 11** Oscar Luaces; Jorge Díez; Amparo Alonso-Betanzos; Alicia Troncoso; Antonio Bahamonde. Content-based methods in peer assessment of open-response questions to grade students as authors and as graders. *Knowledge-Based Systems*. 117, pp. 79 - 87. Elsevier {BV}, 2017. ISSN 0950-7051

DOI: 10.1016/j.knosys.2016.06.024

Type of production: Scientific paper

Impact source: ISI

Impact index in year of publication: 4,396

Position of publication: 14

Format: Journal

Category: Science Edition - COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE

Journal in the top 25%: Yes

No. of journals in the cat.: 132

- 12** Shuchao Pang; Juan José del Coz; Zhezhou Yu; Oscar Luaces; Jorge Díez. Deep learning to frame objects for visual target tracking. *Engineering Applications of Artificial Intelligence*. 65, pp. 406 - 420. Elsevier, 2017. ISSN 0952-1976

DOI: 10.1016/j.engappai.2017.08.010

Type of production: Scientific paper

Impact source: ISI

Impact index in year of publication: 2,819

Position of publication: 32

Format: Journal

Category: Science Edition - COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE

Journal in the top 25%: Yes

No. of journals in the cat.: 132

- 13** Enrique J. de Andrés-Galiana; Juan L. Fernández-Martínez; Oscar Luaces; Juan José del Coz; Leticia Huergo-Zapico; Andrea Acebes-Huerta; Segundo González; Ana P. González-Rodríguez. Analysis of clinical prognostic variables for Chronic Lymphocytic Leukemia decision-making problems. *Journal of Biomedical Informatics*. 60, pp. 342 - 351. 2016. ISSN 1532-0464

DOI: 10.1016/j.jbi.2016.02.017

Type of production: Scientific paper

Impact source: ISI

Impact index in year of publication: 2,753

Position of publication: 25

Format: Journal

Category: Science Edition - COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS

Journal in the top 25%: Yes

No. of journals in the cat.: 105

- 14** Jorge Díez; Juan José del Coz; Oscar Luaces; Antonio Bahamonde. Using tensor products to detect unconditional label dependence in multilabel classifications. *Information Sciences*. 329, pp. 20 - 32. 2016. Available on-line at: <<http://www.sciencedirect.com/science/article/pii/S0020025515006544>>. ISSN 0020-0255



DOI: 10.1016/j.ins.2015.08.055

Type of production: Scientific paper

Impact source: ISI

Impact index in year of publication: 4,832

Position of publication: 7

Format: Journal

Category: Science Edition - COMPUTER SCIENCE, INFORMATION SYSTEMS

Journal in the top 25%: Yes

No. of journals in the cat.: 146

- 15** O. Luaces; J. Díez; A. Alonso-Betanzos; A. Troncoso; A. Bahamonde. A factorization approach to evaluate open-response assignments in MOOCs using preference learning on peer assessments. Knowledge-Based Systems. 85, pp. 322 - 328. 2015. ISSN 0950-7051

DOI: 10.1016/j.knosys.2015.05.019

Type of production: Scientific paper

Corresponding author: Yes

Impact source: ISI

Impact index in year of publication: 3,325

Position of publication: 17

Format: Journal

Category: Science Edition - COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE

Journal in the top 25%: Yes

No. of journals in the cat.: 130

- 16** Jorge Díez; Edna Gamboa; Teresita de Cossío; Oscar Luaces; Thorsten Joachims; Antonio Bahamonde. Analysis of nutrition data by means of a matrix factorization method. Progress in Artificial Intelligence. 3, pp. 119 - 127. 2015. Available on-line at: <<http://dx.doi.org/10.1007/s13748-015-0062-0>>. ISSN 2192-6360

DOI: 10.1007/s13748-015-0062-0

Type of production: Scientific paper

Format: Journal

- 17** Oscar Luaces; Jorge Díez; Thorsten Joachims; Antonio Bahamonde. Mapping preferences into Euclidean space. Expert Systems with Applications. 42 - 22, pp. 8588 - 8596. 2015. ISSN 0957-4174

DOI: 10.1016/j.eswa.2015.07.013

Type of production: Scientific paper

Impact source: ISI

Impact index in year of publication: 2,981

Position of publication: 19

Format: Journal

Category: Science Edition - COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE

Journal in the top 25%: Yes

No. of journals in the cat.: 130

- 18** E.J. DeAndrés-Galiana; J.L. Fernández-Martínez; O. Luaces; J.J. Del Coz; R. Fernández; J. Solano; E.A. Nogués; Y. Zanabilli; J.M. Alonso; A.R. Payer; J.M. Vicente; J. Medina; F. Taboada; M. Vargas; C. Alarcón; M. Morán; A. González-Ordóñez; M.A. Palicio; S. Ortiz; C. Chamorro; S. Gonzalez; A.P. González-Rodríguez. On the prediction of Hodgkin lymphoma treatment response. Clinical and Translational Oncology. 17 - 8, pp. 612 - 619. 2015. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-84928150537&partnerID=MN8TOARS>>.

DOI: 10.1007/s12094-015-1285-z

Type of production: Scientific paper

Format: Journal

Impact source: ISI

Impact index in year of publication: 2,075

Position of publication: 153

Category: Science Edition - ONCOLOGY

Journal in the top 25%: No

No. of journals in the cat.: 213

- 19** Díez, Jorge; Luaces, Oscar; del Coz, Juan José; Bahamonde, Antonio. Optimizing different loss functions in multilabel classifications. Progress in Artificial Intelligence. 3, pp. 107 - 118. 2015.

DOI: 10.1007/s13748-014-0060-7

Type of production: Scientific paper

- 20** G. Lastra; O. Luaces; A. Bahamonde. Interval prediction for graded multi-label classification. *Pattern Recognition Letters*. 49, pp. 171 - 176. 2014. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-84907363941&partnerID=MN8TOARS>>. ISSN 0167-8655
DOI: 10.1016/j.patrec.2014.07.005
Type of production: Scientific paper
Impact source: ISI
Impact index in year of publication: 1,551
Position of publication: 55
Format: Journal
Category: Science Edition - COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE
Journal in the top 25%: No
No. of journals in the cat.: 123
- 21** A. Bahamonde; B. De La Roza-Delgado; O. Luaces; E. Montañés-Roces; J.R. Quevedo; A. Soldado; J.A. Sánchez Del Rivero. Feature selection for classification of animal feed ingredients from near infrared microscopy spectra. *Information Sciences*. 241, pp. 58 - 69. 2013. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-84878249273&partnerID=MN8TOARS>>. ISSN 0020-0255
DOI: 10.1016/j.ins.2013.03.054
Type of production: Scientific paper
Impact source: ISI
Impact index in year of publication: 3,893
Position of publication: 8
Format: Journal
Category: Science Edition - COMPUTER SCIENCE, INFORMATION SYSTEMS
Journal in the top 25%: Yes
No. of journals in the cat.: 135
- 22** Oscar Luaces; Jorge Díez; José Barranquero; Juan José Coz; Antonio Bahamonde. Binary relevance efficacy for multilabel classification. *Progress in Artificial Intelligence*. 1, pp. 303 - 313. Springer-Verlag, 2012. Available on-line at: <<http://dx.doi.org/10.1007/s13748-012-0030-x>>.
DOI: 10.1007/s13748-012-0030-x
Type of production: Scientific paper
Format: Journal
- 23** A. Bahamonde; O. Luaces; M. Pérez-Enciso; J.R. Quevedo. Disease liability prediction from large scale genotyping data using classifiers with a reject option. *IEEE/ACM Transactions on Computational Biology and Bioinformatics*. 9 - 1, pp. 88 - 97. 2012. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-81455132704&partnerID=MN8TOARS>>. ISSN 1545-5963
DOI: 10.1109/TCBB.2011.44
Type of production: Scientific paper
Impact source: ISI
Impact index in year of publication: 1,616
Position of publication: 21
Format: Journal
Category: Science Edition - MATHEMATICS, INTERDISCIPLINARY APPLICATIONS
Journal in the top 25%: Yes
No. of journals in the cat.: 93
Impact source: ISI
Category: Science Edition - COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS
Journal in the top 25%: No
No. of journals in the cat.: 100
Impact index in year of publication: 1,616
Position of publication: 37
- 24** A. Bahamonde; O. Luaces; J. Ramón Quevedo. Multilabel classifiers with a probabilistic thresholding strategy. *Pattern Recognition*. 45 - 2, pp. 876 - 883. 2012. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-80052965571&partnerID=MN8TOARS>>. ISSN 0031-3203
DOI: 10.1016/j.patcog.2011.08.007
Type of production: Scientific paper
Impact source: ISI
Impact index in year of publication: 2,632
Format: Journal
Category: Science Edition - COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE
Journal in the top 25%: Yes

**Position of publication:** 16**No. of journals in the cat.:** 115

- 25** C.A. Alves Meira; A. Bahamonde; O. Luaces; L.H.A. Rodrigues. Using nondeterministic learners to alert on coffee rust disease. *Expert Systems with Applications*. 38 - 11, pp. 14276 - 14283. 2011. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-79959978243&partnerID=MN8TOARS>>. ISSN 0957-4174

DOI: 10.1016/j.eswa.2011.05.003**Type of production:** Scientific paper**Format:** Journal**Impact source:** ISI**Category:** Science Edition - COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE**Impact index in year of publication:** 2,203**Journal in the top 25%:** Yes**Position of publication:** 22**No. of journals in the cat.:** 111

- 26** A. Bahamonde; J.J. Del Coz; J. Díez; O. Luaces; M. Pérez-Enciso; J.R. Quevedo. Explaining the genetic basis of complex quantitative traits through prediction models. *Journal of Computational Biology*. 17 - 12, pp. 1711 - 1723. 2010. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-78650022815&partnerID=MN8TOARS>>. ISSN 1066-5277

DOI: 10.1089/cmb.2009.0161**Type of production:** Scientific paper**Format:** Journal**Impact source:** ISI**Category:** Science Edition - COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS**Impact index in year of publication:** 1,600**Journal in the top 25%:** No**Position of publication:** 33**No. of journals in the cat.:** 97

- 27** C.A. Alves Meira; A. Bahamonde; O. Luaces; J.R. Quevedo; L.H.A. Rodrigues. Viability of an alarm predictor for coffee rust disease using interval regression. *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*. 6097 LNAI - PART 2, pp. 337 - 346. 2010. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-79551550061&partnerID=MN8TOARS>>.

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

- 28** O. Luaces; F. Taboada; G.M. Albaiceta; L.A. Domínguez; P. Enríquez; A. Bahamonde; GRECIA-Group. Predicting the probability of survival in intensive care unit patients from a small number of variables and training examples. *Artificial Intelligence in Medicine*. 45 - 1, pp. 63 - 76. 2009. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-60349126981&partnerID=MN8TOARS>>. ISSN 0933-3657

DOI: 10.1016/j.artmed.2008.11.005**Type of production:** Scientific paper**Format:** Journal**Impact source:** ISI**Category:** Science Edition - COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE**Impact index in year of publication:** 1,645**Journal in the top 25%:** No**Position of publication:** 42**No. of journals in the cat.:** 103

- 29** A. Bahamonde; J. Díez; O. Luaces; J.J. del Coz. Clustering people according to their preference criteria. *Expert Systems with Applications*. 34 - 2, pp. 1274 - 1284. 2008. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-36148970079&partnerID=MN8TOARS>>. ISSN 0957-4174

DOI: 10.1016/j.eswa.2006.12.005**Type of production:** Scientific paper**Format:** Journal**Impact source:** ISI**Category:** Science Edition - COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE**Impact index in year of publication:** 2,596**Journal in the top 25%:** Yes**Position of publication:** 17**No. of journals in the cat.:** 94



- 30** A. Bahamonde; O. Luaces; J.R. Quevedo. A simple and efficient method for variable ranking according to their usefulness for learning. *Computational Statistics and Data Analysis*. 52 - 1, pp. 578 - 595. 2007. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-34548225620&partnerID=MN8TOARS>>. ISSN 0167-9473
DOI: 10.1016/j.csda.2007.02.003
Type of production: Scientific paper
Impact source: ISI
Impact index in year of publication: 1,029
Position of publication: 36
Format: Journal
Category: Science Edition - COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS
Journal in the top 25%: No
No. of journals in the cat.: 92
- 31** A. Bahamonde; J. Díez; O. Luaces; J.R. Quevedo; J.J. del Coz. How to learn consumer preferences from the analysis of sensory data by means of support vector machines (SVM). *Trends in Food Science and Technology*. 18 - 1, pp. 20 - 28. 2007. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-37849186812&partnerID=MN8TOARS>>. ISSN 0924-2244
DOI: 10.1016/j.tifs.2006.07.014
Type of production: Scientific paper
Impact source: ISI
Impact index in year of publication: 3,739
Position of publication: 2
Format: Journal
Category: Science Edition - FOOD SCIENCE & TECHNOLOGY
Journal in the top 25%: Yes
No. of journals in the cat.: 103
- 32** A. Bahamonde; G.F. Bayón; J.J. Del Coz; J. Díez; O. Luaces; J.R. Quevedo. Analyzing sensory data using non-linear preference learning with feature subset selection. *Lecture Notes in Artificial Intelligence (Subseries of Lecture Notes in Computer Science)*. 3201, pp. 286 - 297. 2004. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-229444464758&partnerID=MN8TOARS>>.
Type of production: Scientific paper
Format: Journal
- 33** Díez, Jorge; del Coz, Juan José; Luaces, Oscar; Goyache, Félix; Alonso, Jaime; Peña, Ana María; Bahamonde, Antonio. Un algoritmo de aprendizaje automático para evaluación de la calidad a partir de calificaciones subjetivas. *Información Técnica Económica Agraria. Revista de la Asociación Interprofesional para el Desarrollo Agrario*. 100A - 1, pp. 5 - 16. 2004.
Type of production: Scientific paper
Corresponding author: No
Format: Journal
- 34** J. Ranilla; O. Luaces; A. Bahamonde. A heuristic for learning decision trees and pruning them into classification rules. *AI Communications*. 16 - 2, pp. 71 - 87. 2003. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0038340808&partnerID=MN8TOARS>>. ISSN 0921-7126
Type of production: Scientific paper
Impact source: ISI
Impact index in year of publication: 0,829
Position of publication: 39
Format: Journal
Category: Science Edition - COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE
Journal in the top 25%: No
No. of journals in the cat.: 77
- 35** J. Díez; A. Bahamonde; J. Alonso; S. López; J.J. Del Coz; J.R. Quevedo; J. Ranilla; O. Luaces; I. Alvarez; L.J. Royo; F. Goyache. Artificial intelligence techniques point out differences in classification performance between light and standard bovine carcasses. *Meat Science*. 64 - 3, pp. 249 - 258. 2003. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0037964445&partnerID=MN8TOARS>>. ISSN 0309-1740
DOI: 10.1016/S0309-1740(02)00185-7
Type of production: Scientific paper
Impact source: ISI
Format: Journal
Category: Science Edition - FOOD SCIENCE & TECHNOLOGY



Impact index in year of publication: 1,669
Position of publication: 11

Journal in the top 25%: Yes
No. of journals in the cat.: 94

- 36** O. Luaces; A. Bahamonde. Inflating examples to obtain rules. International Journal of Intelligent Systems. 18 - 11, pp. 1113 - 1143. 2003. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0242273412&partnerID=MN8TOARS>>. ISSN 0884-8173

DOI: 10.1002/int.10132

Type of production: Scientific paper

Format: Journal

Impact source: ISI

Category: Science Edition - COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE

Impact index in year of publication: 0,875

Journal in the top 25%: No

Position of publication: 36

No. of journals in the cat.: 77

- 37** J. Alonso; A. Bahamonde; J.J. Del Coz; J. Díez; F. Goyache; O. Luaces; A.M. Peña. Learning to assess from pair-wise comparisons. Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics). 2527 LNAI, pp. 481 - 490. 2002. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-23044534228&partnerID=MN8TOARS>>.

Type of production: Scientific paper

Format: Journal

- 38** F. Goyache; A. Bahamonde; J. Alonso; S. Lopez; J.J. Del Coz; J.R. Quevedo; J. Ranilla; O. Luaces; I. Alvarez; L.J. Royo; J. Diez. The usefulness of artificial intelligence techniques to assess subjective quality of products in the food industry. Trends in Food Science and Technology. 12 - 10, pp. 370 - 381. 2001. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0035744711&partnerID=MN8TOARS>>. ISSN 0924-2244

DOI: 10.1016/S0924-2244(02)00010-9

Type of production: Scientific paper

Format: Journal

Impact source: ISI

Category: Science Edition - FOOD SCIENCE & TECHNOLOGY

Impact index in year of publication: 1,379

Journal in the top 25%: Yes

Position of publication: 11

No. of journals in the cat.: 94

- 39** F. Goyache; J.J. Del Coz; J.R. Quevedo; S. López; J. Alonso; J. Ranilla; O. Luaces; I. Alvarez; A. Bahamonde. Using artificial intelligence to design and implement a morphological assessment system in beef cattle. Animal Science. 73 - 1, pp. 49 - 60. 2001. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0035435147&partnerID=MN8TOARS>>. ISSN 1357-7298

DOI: 10.1017/S1357729800058045

Type of production: Scientific paper

Format: Journal

Impact source: ISI

Category: Science Edition - AGRICULTURE, DAIRY & ANIMAL SCIENCE

Impact index in year of publication: 1,082

Journal in the top 25%: Yes

Position of publication: 11

No. of journals in the cat.: 44

- 40** del Coz, Juan José; Luaces, Oscar. Métodos Kernel y Máquinas de Vectores Soporte. Aprendizaje Automático: Conceptos Básicos y Avanzados. Aspectos Prácticos Utilizando el Software WEKA. pp. 163 - 197. Pearson Educación - Pearson-Prentice Hall, 2006.

Type of production: Book chapter

Format: Book



Works submitted to national or international conferences

- 1** **Title of the work:** Representaciones basadas en redes neuronales para tareas de recomendación
Name of the conference: Conferencia de la Asociación Española para la Inteligencia Artificial (CAEPIA). I Workshop en Deep Learning
City of event: Granada, Andalusia, Spain
Date of event: 2018
End date: 2018
Pérez-Núñez, P.; Luaces, O.; Bahamonde, A.; Díez, J.
- 2** **Title of the work:** Paving the way for providing teaching feedback in automatic evaluation of open response assignments
Name of the conference: IJCNN
Date of event: 2017
Type of contribution: Scientific paper
Verónica Bolón-Canedo; Jorge Díez; Oscar Luaces; Antonio Bahamonde; Amparo Alonso-Betanzos. "Procs. of IJCNN '17". pp. 3447 - 3453. 2017.
- 3** **Title of the work:** Combining Deep Learning and Preference Learning for Object Tracking
Name of the conference: ICONIP
Type of event: Conference
Type of participation: Participatory - oral communication
City of event: Kyoto, Japan
Date of event: 16/10/2016
End date: 21/10/2016
Type of contribution: Scientific paper
Shuchao Pang; Juan José del Coz; Zhezhou Yu; Oscar Luaces; Jorge Díez. En: Proceedings of the ICONIP 2016, Part III. pp. 70 - 77. Springer International Publishing, 2016. Available on-line at: <http://dx.doi.org/10.1007/978-3-319-46675-0_8>. ISBN 978-3-319-46675-0
- 4** **Title of the work:** Peer Assessment In MOOCs Using Preference Learning Via Matrix Factorization
Name of the conference: NIPS - Workshop on Data Drive Education
Date of event: 2013
Type of contribution: Scientific book or monograph
Jorge Díez; Oscar Luaces; Amparo Alonso-Betanzos; Alicia Troncoso; Antonio Bahamonde. "Procs. of the NIPS Workshop on Data Driven Education". 2013. Available on-line at: <<http://lytics.stanford.edu/datadriveneducation/>>.
- 5** **Title of the work:** Graphical Feature Selection for Multilabel Classification Tasks
Name of the conference: International Symposium on Intelligent Data Analysis (IDA)
Type of event: Conference
Type of participation: Participatory - poster
City of event: Porto, Portugal
Date of event: 2011
Type of contribution: Scientific paper
Lastra, Gerardo; Luaces, Oscar; Quevedo, José Ramón; Bahamonde, Antonio. En: Advances in Intelligent Data Analysis X (LNCS). 7014, pp. 246 - 257. Springer,



- 6** **Title of the work:** Adapting decision DAGs for multipartite ranking
Name of the conference: ECML-PKDD
Type of event: Conference
Type of participation: Participatory - oral communication
City of event: Barcelona, Spain
Date of event: 2010
Publication in conference proceedings: Yes
Type of contribution: Scientific paper
Quevedo, José Ramón; Montañes, Elena; Luaces, Oscar; del Coz, Juan José. En: Lecture Notes in Computer Science. 6323, pp. 115 - 130. 2010.
- 7** **Title of the work:** Viability of an Alarm Predictor for Coffee Rust Disease Using Interval Regression
Name of the conference: IEA/AIE
Type of event: Conference
City of event: Córdoba, Spain
Date of event: 2010
With external admission assessment committee: Yes
Type of contribution: Scientific paper
Oscar Luaces; Luiz Henrique A. Rodrigues; Carlos Alberto Alves-Meira; José Ramón Quevedo; Antonio Bahamonde. En: Proceeding of the 23rd International Conference on Industrial, Engineering & Other Applications of Applied Intelligent Systems (IEA/AIE '10). II, pp. 337 - 346. Springer, 2010.
- 8** **Title of the work:** Prediction and Inheritance of Phenotypes
Name of the conference: IWINAC
Type of event: Conference
Date of event: 2009
Type of contribution: Scientific paper
Antonio Bahamonde; Jaime Alonso; Juan José del Coz; Jorge Díez; José Ramón Quevedo; Oscar Luaces. En: Proceedings of {IWINAC}-2009. pp. 275 - 284. 2009.
- 9** **Title of the work:** Soft Margin Trees
Name of the conference: ECML-PKDD
Type of event: Conference
Type of participation: Participatory - oral communication
Date of event: 2009
Type of contribution: Scientific paper
Jorge Díez; Juan José del Coz; Antonio Bahamonde; Oscar Luaces. En: Machine Learning and Knowledge Discovery in Databases (Procs. of the ECML-PKDD '09). pp. 302 - 314. 2009.
- 10** **Title of the work:** Learning to Predict One or More Ranks in Ordinal Regression Tasks
Name of the conference: ECML-PKDD
Type of event: Conference
Type of participation: Participatory - oral communication
Date of event: 2008
Type of contribution: Scientific paper
Jaime Alonso; Juan José del Coz; Jorge Díez; Oscar Luaces; Antonio Bahamonde. En: Machine Learning and Knowledge Discovery in Databases (Procs. of the ECML-PKDD '08). 5211, pp. 39 - 54. Springer, 2008.



- 11 Title of the work:** Prediction of probability of survival in critically ill patients optimizing the Area Under the ROC Curve
Name of the conference: IJCAI
Type of event: Conference
Type of participation: Participatory - oral communication
City of event: Hyderabad, India
Date of event: 2007
With external admission assessment committee: Yes
Type of contribution: Scientific paper
Oscar Luaces; José Ramón Quevedo; Francisco Taboada; Guillermo M. Albaiceta; Antonio Bahamonde. En: Proceedings of the IJCAI '07. pp. 956 - 961. AAAI Press,
- 12 Title of the work:** The Weight of Variable Groups for the Prediction of Probability of Survival in ICU Patients
Name of the conference: AIME-IDAMAP Workshop
Type of event: Conference
Type of participation: Participatory - oral communication
City of event: Amsterdam, Holland
Date of event: 2007
Type of contribution: Scientific paper
Oscar Luaces; Francisco Taboada; Guillermo M. Albaiceta; Antonio Bahamonde. En: Procs. of the Workshop in Intelligent Data Analysis in Biomedicine and Pharmacology (IDAMAP). pp. 47 - 52. 07/2007.
- 13 Title of the work:** Feature Subset Selection for Learning Preferences: A Case Study
Name of the conference: ICML
Type of event: Conference
City of event: Banff, Canada
Date of event: 07/2004
With external admission assessment committee: Yes
Type of contribution: Scientific paper
Antonio Bahamonde; Gustavo F. Bayón; Jorge Díez; José Ramón Quevedo; Oscar Luaces; Juan José del Coz; Jaime Alonso; Félix Goyache. En: Proceedings of the International Conference on Machine Learning (ICML '04). pp. 49 - 56. 07/2004.
- 14 Title of the work:** Analyzing sensory data using non-linear preference learning with feature subset selection
Name of the conference: ECML
Type of event: Conference
Type of participation: Participatory - oral communication
City of event: Pisa, Italy
Date of event: 2004
With external admission assessment committee: Yes
Type of contribution: Scientific paper
Oscar Luaces; Gustavo F. Bayón; José Ramón Quevedo; Jorge Díez; Juan José del Coz; Antonio Bahamonde. En: Proceedings of the European Conference on Machine Learning and Principles and Practice of Knowledge Discovery in Databases (ECML/PKDD '04). pp. 286 - 297. 2004.
- 15 Title of the work:** Discovering relevancies in very difficult regression problems: applications to sensory data analysis
Name of the conference: ECAI
Type of event: Conference
Type of participation: Participatory - oral communication



Date of event: 2004

Type of contribution: Scientific paper

Jorge Díez; Gustavo F. Bayón; José Ramón Quevedo; Juan José del Coz; Oscar Luaces; Jaime Alonso; Antonio Bahamonde. En: Proceedings of the European Conference on Artificial Intelligence (ECAI '04). pp. 993 - 994. 2004.

16 Title of the work: Trait selection for assessing beef meat quality using non-linear SVM

Name of the conference: NIPS

Type of event: Conference

Type of participation: Participatory - oral communication

City of event: Vancouver, Canada

Date of event: 2004

Type of contribution: Scientific paper

Juan José del Coz; Gustavo F. Bayón; Jorge Díez; Oscar Luaces; Antonio Bahamonde; Carlos Sa{~n}udo. En: Advances in Neural Information Processing Systems 17 (NIPS '04). pp. 321 - 328. MIT Press, 2005.

17 Title of the work: A clustering algorithm to find groups with homogeneous preferences

Name of the conference: ACM-SIGIR Workshop on implicit measures of users interests and preferences

Type of event: Conference

Type of participation: Participatory - oral communication

City of event: Toronto, Canada

Date of event: 2003

Type of contribution: Scientific paper

Jorge Díez; Juan José del Coz; Oscar Luaces; Antonio Bahamonde. En: Proceedings of the 26th Annual International ACM SIGIR Conference. 08/2003.

18 Title of the work: Valoración de preferencias mediante el aprendizaje de polinomios

Name of the conference: CAEPIA-TTIA

Type of event: Conference

Type of participation: Participatory - oral communication

City of event: San Sebastián, Spain

Date of event: 2003

Organising entity: ASOCIACION ESPAÑOLA PROMOCION INTELIGENCIA ARTIFICIAL

With external admission assessment committee: Yes

Type of contribution: Scientific paper

Gustavo F. Bayón; Jorge Díez; Oscar Luaces; José Ramón Quevedo; Jaime Alonso; Antonio Bahamonde; Juan Jos{'e} del Coz. En: Actas de CAEPIA-TTIA '03. I, pp. 93 - 96. AEPIA,

19 Title of the work: Learning to assess from pair-wise comparisons

Name of the conference: IBERAMIA

Type of event: Conference

Type of participation: Participatory - oral communication

City of event: Sevilla, Spain

Date of event: 2002

With external admission assessment committee: Yes

Type of contribution: Scientific paper

Jorge Díez; Juan José del Coz; Oscar Luaces; Félix Goyache; Jaime Alonso; A.M. Peña; Antonio Bahamonde. En: Proceedings of the 8th Iberoamerican Conference on Artificial Intelligence (IBERAMIA). 2527, pp. 481 - 490. Springer-Verlag, 2002.



- 20** **Title of the work:** La Inteligencia Artificial en la calificación de canales
Name of the conference: Congreso Nacional de la Carne
Type of event: Conference
Type of participation: Participatory - invited/keynote talk
City of event: Madrid, Spain
Date of event: 2001
Type of contribution: Popular science article
Antonio Bahamonde; Félix Goyache; Juan José del Coz; José Ramón Quevedo; Secundino López; Jaime Alonso; José Ranilla; Oscar Luaces; Jorge Díez. En: Libro de ponencias del I Congreso Nacional de la Carne. pp. 95 - 110. 02/2001.
- 21** **Title of the work:** Un sistema inteligente para la explicación y control del rendimiento de las cubas electrolíticas de zinc
Name of the conference: CAEPIA-TTIA
Type of event: Conference
Type of participation: Participatory - oral communication
City of event: Gijón, Spain
Date of event: 2001
Organising entity: ASOCIACION ESPAÑOLA PROMOCION INTELIGENCIA ARTIFICIAL
Type of contribution: Scientific paper
Marta Vázquez; Manuel Nuevo; José Ranilla; Oscar Luaces; Juan José del Coz; José Ramón Quevedo; Fernando González; Jaime Alonso; Antonio Bahamonde. En: Actas de CAEPIA-TTIA '01. II, pp. 1207 - 1216. 2001.
- 22** **Title of the work:** Utilización de técnicas de Inteligencia Artificial en la clasificación de canales bovinas
Name of the conference: CAEPIA-TTIA
Type of event: Conference
Type of participation: Participatory - oral communication
City of event: Gijón, Spain
Date of event: 2001
Organising entity: ASOCIACION ESPAÑOLA PROMOCION INTELIGENCIA ARTIFICIAL
With external admission assessment committee: Yes
Type of contribution: Scientific paper
Jorge Díez; Félix Goyache; Jaime Alonso; Juan José del Coz; José Ramón Quevedo; Secundino López; José Ranilla; Oscar Luaces; Antonio Bahamonde. En: Actas de CAEPIA-TTIA 2001. II, pp. 1229 - 1238. 2001.
- 23** **Title of the work:** Aprendizaje de la similitud entre casos con valores discretos y numéricos
Name of the conference: CAEPIA-TTIA
Type of event: Conference
Type of participation: Participatory - oral communication
Date of event: 1999
Organising entity: ASOCIACION ESPAÑOLA PROMOCION INTELIGENCIA ARTIFICIAL
With external admission assessment committee: Yes
Type of contribution: Scientific paper
Oscar Luaces; Antonio Bahamonde. En: Actas de la VIII Conferencia de la Asociación Española para la Inteligencia Artificial, CAEPIA-99. I, pp. 150 - 157. 11/1999.
- 24** **Title of the work:** Autonomous Clustering for Machine Learning
Name of the conference: IWANN
Type of event: Conference



Type of participation: Participatory - oral communication

Date of event: 1999

With external admission assessment committee: Yes

Type of contribution: Scientific paper

Oscar Luaces; Juan José del Coz; José Ramón Quevedo; Jaime Alonso; José Ranilla; Antonio Bahamonde. En: Lecture Notes in Computer Science: Foundations and Tools for Neural Modeling. 1606, pp. 497 - 506. Springer-Verlag, 1999. ISBN 3540660690

25 Title of the work: Self-Organizing Cases to Find Paradigms

Name of the conference: IWANN

Type of event: Conference

Type of participation: Participatory - oral communication

Date of event: 1999

Type of contribution: Scientific paper

Juan José del Coz; Oscar Luaces; José Ramón Quevedo; Jaime Alonso; José Ranilla; Antonio Bahamonde. En: Lecture Notes in Computer Science: Foundations and Tools for Neural Modeling. 1606, pp. 527 - 536. Springer-Verlag, 06/1999.

26 Title of the work: Machine Learning Usefulness Relies on Accuracy and Self-maintenance

Name of the conference: IEA/AIE

Type of event: Conference

Type of participation: Participatory - oral communication

Date of event: 1998

With external admission assessment committee: Yes

Type of contribution: Scientific paper

Oscar Luaces; Jaime Alonso; Enrique de la Cal; José Ranilla; Antonio Bahamonde. "Proceedings of the 11th International Conference on Industrial & Engineering Applications of Artificial Intelligence & Expert Systems". En: Lecture Notes in Artificial Intelligence: Tasks and Methods in Applied Artificial Intelligence. 1416, pp. 448 - 457. Springer-Verlag, 1998.

R&D management and participation in scientific committees

Scientific, technical and/or assessment committees

1 Committee title: ECAI 2020 Program Committee

Affiliation entity: European Association for Artificial Intelligence (EurAI, formerly ECCAI)

End date: 2020

2 Committee title: Comité de programa CAEPIA 2018

Affiliation entity: ASOCIACION ESPAÑOLA PROMOCION INTELIGENCIA ARTIFICIAL

Start-End date: 2018 - 2018

3 Committee title: Comité de programa CAEPIA 2016

Affiliation entity: ASOCIACION ESPAÑOLA PROMOCION INTELIGENCIA ARTIFICIAL

Start-End date: 2016 - 2016

4 Committee title: Comité de programa IDAMAP

Start-End date: 2012 - 2012



- 5** **Committee title:** Comité de programa SOCO
Start-End date: 2012 - 2012
- 6** **Committee title:** Comité de programa CISIS
Start-End date: 2011 - 2011
- 7** **Committee title:** Comité de programa HAIS
Start-End date: 2011 - 2011
- 8** **Committee title:** Comité de programa SOCO
Start-End date: 2011 - 2011
- 9** **Committee title:** Comité de programa IDAMAP
Start-End date: 2010 - 2010
- 10** **Committee title:** Comité de programa IDAMAP
Start-End date: 2009 - 2009
- 11** **Committee title:** Comité de programa IDAMAP
Start-End date: 2008 - 2008
- 12** **Committee title:** Comité programa CAEPIA 2001
Affiliation entity: ASOCIACION ESPAÑOLA PROMOCION INTELIGENCIA ARTIFICIAL
Start-End date: 2001 - 2001

Organization of R&D activities

- 1** **Title of the activity:** CAEPIA 2016
Type of activity: Miembro comité organizador
Convening entity: ASOCIACION ESPAÑOLA PROMOCION INTELIGENCIA ARTIFICIAL
Start-End date: 2016 - 2016
- 2** **Title of the activity:** CAEPIA-TTIA 2001
Type of activity: Miembro del comité organizador
Convening entity: ASOCIACION ESPAÑOLA PROMOCION INTELIGENCIA ARTIFICIAL
Start-End date: 2001 - 2001

R&D management

- 1** **Name of the activity:** Explainable learning for Dyadic Data (xLearn) - REF. PID2019-109238GB-C21
Type of management: Management of R&D&I actions and projects
Performed tasks: Co-IP
Entity: Universidad de Oviedo
Start date: 01/06/2020
Type of entity: University
Duration: 4 years



- 2** **Name of the activity:** Algoritmos Escalables de Aprendizaje Computacional: Mas Allá de la Clasificación y la Regresión - REF. TIN2015-65069-C2-2-R
Type of management: Management of R&D&I actions and projects
Performed tasks: Co-IP
Entity: Universidad de Oviedo **Type of entity:** University
Start date: 01/01/2016 **Duration:** 4 years
- 3** **Name of the activity:** Desarrollo de software inteligente basado en Aprendizaje Automático, aplicado a problemas reales de ordenación y clasificación - (SIBAOOC)
Type of management: Management of R&D&I actions and projects
Performed tasks: Co-IP
Entity: Ministerio de Ciencia y Tecnología
Start date: 28/12/2001 **Duration:** 3 years

Evaluation and revision of R&D projects and articles

- 1** **Performed tasks:** Evaluador de proyectos
Entity where activity was carried out: Agencia Nacional de Evaluación y Prospectiva **Type of entity:** Agencia de evaluación
Start-End date: 2021 - 2021
- 2** **Name of the activity:** Evaluador de proyectos
Performed tasks: Evaluador de proyectos
Entity where activity was carried out: Ministerio de Economía, Industria y Competitividad **Type of entity:** State agency
Start-End date: 2015 - 2015
- 3** **Performed tasks:** Evaluador de proyectos
Entity where activity was carried out: Agencia Nacional de Evaluación y Prospectiva **Type of entity:** Agencia de evaluación
Start date: 2016
- 4** **Performed tasks:** Evaluador de proyectos
Entity where activity was carried out: Agencia Nacional de Evaluación y Prospectiva **Type of entity:** Agencia de evaluación
Start date: 2014
- 5** **Performed tasks:** Evaluador de proyectos
Entity where activity was carried out: Agencia Nacional de Evaluación y Prospectiva **Type of entity:** Agencia de evaluación
Start date: 2013



Other achievements

Scientific societies and professional associations

Name of the society: Asociación Española Promoción Inteligencia Artificial

Affiliation entity: ASOCIACION ESPAÑOLA PROMOCION INTELIGENCIA ARTIFICIAL

Start date: 1999

Obtained accreditations/recognitions

- 1** **Description:** Sexenio de Investigación
Accrediting entity: Agencia Nacional de Evaluación de la Calidad y Acreditación **Type of entity:** CNEAI
Date of recognition: 2021
- 2** **Description:** Sexenio de investigación
Accrediting entity: Agencia Nacional de Evaluación de la Calidad y Acreditación **Type of entity:** CNEAI
Date of recognition: 2015
- 3** **Description:** Sexenio de investigación
Accrediting entity: Agencia Nacional de Evaluación de la Calidad y Acreditación **Type of entity:** CNEAI
Date of recognition: 2009
- 4** **Description:** Sexenio de investigación
Accrediting entity: Agencia Nacional de Evaluación de la Calidad y Acreditación **Type of entity:** CNEAI
Date of recognition: 2003