



Ernestina Menasalvas Ruiz

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**Ernestina Menasalvas Ruiz**

Surname(s): **Menasalvas Ruiz**
Name: **Ernestina**

Spanish ID number:
Date of birth:
Sex:
Nationality:
Country of birth:
Autonomous Community /Region of birth:
City of birth:
Contact address:

Postcode:
Contact city:
Contact country:
Autonomous Community /Contact region:
Land line phone:
Fax:
Email address:
Mobile phone:
Personal web page:

Current professional situation only if working (not if unemployed)

Name of the entity: Universidad Politécnica de Madrid
Type of body: University
Category / Title of position or responsibility: Profesor Titular de Universidad
Educational management: Yes
City of job: Madrid, Community of Madrid, Spain
Start date: 21/09/2001
Modality of the contract: Civil servant
Type of dedication: Full time

Positions held before current job

	Name of the entity	Category / position or responsibility	Start date
1	Universidad Politécnica de Madrid	Vicerrector de Doctorado y Postgrado	21/04/2008
2	Universidad Politécnica de Madrid	Vicedecano de Doctorado y Postgrado	24/10/2005
3	Universidad Politécnica de Madrid	Vicedecano de Doctorado Y Postgrado	11/06/2004
4	Universidad Politécnica de Madrid	Profesor Titular de Universidad Interino	01/10/1998
5	Universidad Politécnica de Madrid	Profesor Asociado Tipo 3	10/10/1995

**C****V****N**

CURRÍCULUM VITAE NORMALIZADO

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- | | | |
|----------|---|--|
| 1 | Name of the entity: Universidad Politécnica de Madrid
City of job: Madrid, Community of Madrid, Spain
Category / position or responsibility: Vicerrector de Doctorado y Postgrado
Start date: 21/04/2008
Type of dedication: Full time | Type of body: University
Teaching Management: No
Duration: 4 years - 1 month |
| 2 | Name of the entity: Universidad Politécnica de Madrid
City of job: Madrid, Community of Madrid, Spain
Category / position or responsibility: Vicedecano de Doctorado y Postgrado
Start date: 24/10/2005
Type of dedication: Full time | Type of body: University
Teaching Management: No
Duration: 2 years - 6 months |
| 3 | Name of the entity: Universidad Politécnica de Madrid
City of job: Madrid, Community of Madrid, Spain
Category / position or responsibility: Vicedecano de Doctorado Y Postgrado
Start date: 11/06/2004
Type of dedication: Full time | Type of body: University
Teaching Management: No
Duration: 1 year - 5 months |
| 4 | Name of the entity: Universidad Politécnica de Madrid
City of job: Madrid, Community of Madrid, Spain
Category / position or responsibility: Profesor Titular de Universidad Interino
Start date: 01/10/1998
Type of dedication: Full time | Type of body: University
Teaching Management: Yes
Duration: 3 years |
| 5 | Name of the entity: Universidad Politécnica de Madrid
City of job: Madrid, Community of Madrid, Spain
Category / position or responsibility: Profesor Asociado Tipo 3
Start date: 10/10/1995
Type of dedication: Full time | Type of body: University
Teaching Management: Yes
Duration: 3 years |



Training received

University education

Diplomas, degrees and engineering degrees

Official University Qualification: Higher degree

Name of qualification: Licenciada en Informática. UPM

City of qualification: Madrid, Community of Madrid, Spain

Entity issuing the qualification: Universidad Politécnica de Madrid

Type of body: University

Date of qualification: 30/09/1994

Average marks: Pass

Doctorates

Doctorate: Informática

University issuing the title: Universidad Politécnica de Madrid

Type of body: University

City of qualification: Madrid, Community of Madrid, Spain

Date of qualification: 25/09/1998

Thesis title: Integración del proceso de inferencia de conocimiento con los sistemas de bases de datos relacionales

Director of thesis: Covadonga Fernández

Co-director of thesis: Anita Wasilewska

Mark: Sobresaliente Cum Laude por Unanimidad

Language skills

Language	Speech	Reading	Writing
English	Good	Good	Good
Portuguese	Good	Sufficient	Sufficient

Teaching experience



Teaching work

- 1** **Type of teaching:** Official teaching
Name of subject/ name of course: Bases De Datos Deductivas
Type of programme: Bachelor's degree **Type of teaching:** In person theory
Type of subject: Optional
Title: Licenciado en Informática
Course of the qualification taught: 2000-12
Hours/credits: Credits
Number of hours/credits: 5
Body where project took place: Universidad **Type of body:** University
Politécnica de Madrid
Department: Lenguajes y Sistemas Informaticos e Ingenieria de Software
Assessing body: Universidad Politécnica de Madrid
Language in which the subject is taught: Spanish
- 2** **Type of teaching:** Official teaching
Name of subject/ name of course: Fundamentos de Gestion de Tecnologias de la Informacion en la Empresa
Type of programme: Others **Type of teaching:** In person theory
Type of subject: Others
Title: Grado en Ingenieria Informatica
Hours/credits: Credits
Number of hours/credits: 3
Body where project took place: Universidad **Type of body:** University
Politécnica de Madrid
Department: Lenguajes y Sistemas Informáticos e Ingeniería de Software (N)
- 3** **Type of teaching:** Official teaching
Name of subject/ name of course: Arquitectura Relacional
Type of programme: Doctorate **Type of teaching:** In person theory
Type of subject: Optional
Title: Doctorado e.R. con el Master en Tecnologias de la Informacion
Course of the qualification taught: 2010-11
Hours/credits: Credits
Number of hours/credits: 6
Body where project took place: Universidad **Type of body:** University
Politécnica de Madrid
Department: Lenguajes y Sistemas Informaticos e Ingenieria de Software
- 4** **Type of teaching:** Official teaching
Name of subject/ name of course: Bases de Datos Orientadas a Objetos
Type of programme: Engineering **Type of teaching:** In person theory
Type of subject: Optional
Title: Ingeniero en Informatica
Course of the qualification taught: 2010-11
Hours/credits: Credits
Number of hours/credits: 6
Body where project took place: Universidad **Type of body:** University
Politécnica de Madrid



Department: Lenguajes y Sistemas Informaticos e Ingenieria de Software

5 Type of teaching: Official teaching

Name of subject/ name of course: Ingenieria de Datos

Type of programme: Doctorate

Type of teaching: In person theory

Type of subject: Optional

Title: Doctorado e.R. con el Master en Tecnologias de la Informacion

Course of the qualification taught: 2010-11

Hours/credits: Credits

Number of hours/credits: 6

Body where project took place: Universidad
Politécnica de Madrid

Type of body: University

Department: Lenguajes y Sistemas Informaticos e Ingenieria de Software

6 Type of teaching: Official teaching

Name of subject/ name of course: Bases de Datos Deductivas

Type of programme: Engineering

Type of teaching: In person theory

Type of subject: Optional

Title: Ingeniero en Informatica

Course of the qualification taught: 2010-11

Hours/credits: Credits

Number of hours/credits: 6

Body where project took place: Universidad
Politécnica de Madrid

Type of body: University

Department: Lenguajes y Sistemas Informaticos e Ingenieria de Software

7 Type of teaching: Official teaching

Name of subject/ name of course: Bases de Datos Deductivas

Type of programme: Engineering

Type of teaching: In person theory

Type of subject: Optional

Title: Ingeniero en Informatica

Course of the qualification taught: 2011-12

Hours/credits: Credits

Number of hours/credits: 6

Body where project took place: Universidad
Politécnica de Madrid

Type of body: University

Department: Lenguajes y Sistemas Informaticos e Ingenieria de Software

8 Type of teaching: Official teaching

Name of subject/ name of course: Bases de Datos

Type of programme: Others

Type of teaching: In person theory

Type of subject: Obligatory

Title: Grado en Matematicas e Informatica

Course of the qualification taught: 2011-12

Hours/credits: Credits

Number of hours/credits: 6

Body where project took place: Universidad
Politécnica de Madrid

Type of body: University

Department: Lenguajes y Sistemas Informaticos e Ingenieria de Software



9 **Type of teaching:** Official teaching
Name of subject/ name of course: Bases de Datos
Type of programme: Others **Type of teaching:** In person theory
Type of subject: Obligatory
Title: Grado en Matematicas e Informatica
Course of the qualification taught: 2012-13
Hours/credits: Credits
Number of hours/credits: 6
Body where project took place: Universidad **Type of body:** University
Politécnica de Madrid
Department: Lenguajes y Sistemas Informaticos e Ingenieria de Software

10 **Type of teaching:** Official teaching
Name of subject/ name of course: Bases de Datos
Type of programme: Others **Type of teaching:** In person theory
Type of subject: Obligatory
Title: Grado en Matematicas e Informatica
Course of the qualification taught: 2013-14
Hours/credits: Credits
Number of hours/credits: 6
Body where project took place: Universidad **Type of body:** University
Politécnica de Madrid
Department: Lenguajes y Sistemas Informaticos e Ingenieria de Software

11 **Type of teaching:** Official teaching
Name of subject/ name of course: Bases de Datos
Type of programme: Others **Type of teaching:** In person theory
Type of subject: Obligatory
Title: Grado en Matematicas e Informatica
Course of the qualification taught: 2014-15
Hours/credits: Credits
Number of hours/credits: 6
Body where project took place: Universidad **Type of body:** University
Politécnica de Madrid
Department: Lenguajes y Sistemas Informaticos e Ingenieria de Software

12 **Type of teaching:** Official teaching
Name of subject/ name of course: Trabajo de Fin de Master
Type of programme: Master's degree **Type of teaching:** In person theory
Type of subject: Others
Title: Master Universitario en Software y Sistemas
Course of the qualification taught: 2011-12
Hours/credits: Credits
Number of hours/credits: 15
Body where project took place: Universidad **Type of body:** University
Politécnica de Madrid
Department: Lenguajes y Sistemas Informaticos e Ingenieria de Software

13 **Type of teaching:** Official teaching
Name of subject/ name of course: Conceptos, Practicas y Retos en Data Mining
Type of programme: Doctorate **Type of teaching:** In person theory



Type of subject: Optional

Title: Doctorado en Software y Sistemas

Course of the qualification taught: 2012-14

Hours/credits: Credits

Number of hours/credits: 4

Body where project took place: Universidad
Politécnica de Madrid

Type of body: University

Department: Lenguajes y Sistemas Informáticos e Ingeniería de Software

14 Type of teaching: Official teaching

Name of subject/ name of course: Conceptos, Practicas y Retos en Data Mining

Type of programme: Doctorate

Type of teaching: In person theory

Type of subject: Optional

Title: Doctorado en Software y Sistemas

Course of the qualification taught: 2014-15

Hours/credits: Credits

Number of hours/credits: 4

Body where project took place: Universidad
Politécnica de Madrid

Type of body: University

Department: Lenguajes y Sistemas Informáticos e Ingeniería de Software

15 Type of teaching: Official teaching

Name of subject/ name of course: Data Analytics

Type of programme: Others

Type of teaching: In person theory

Type of subject: Optional

Title: Grado en Matemáticas e Informática

Course of the qualification taught: 2013-14

Hours/credits: Credits

Number of hours/credits: 6

Body where project took place: Universidad
Politécnica de Madrid

Type of body: University

Department: Lenguajes y Sistemas Informáticos e Ingeniería de Software (N)

16 Type of teaching: Official teaching

Name of subject/ name of course: Data Analytics

Type of programme: Others

Type of teaching: In person theory

Type of subject: Optional

Title: Grado en Matemáticas e Informática

Course of the qualification taught: 2014-15

Hours/credits: Credits

Number of hours/credits: 6

Body where project took place: Universidad
Politécnica de Madrid

Type of body: University

Department: Lenguajes y Sistemas Informáticos e Ingeniería de Software (N)

17 Type of teaching: Official teaching

Name of subject/ name of course: Gestion de Base de Datos

Type of programme: Master's degree

Type of teaching: In person theory

Type of subject: Obligatory

Title: Master Universitario en Ingeniería Informática

Course of the qualification taught: 2013-14



Hours/credits: Credits

Number of hours/credits: 4,5

Body where project took place: Universidad
Politécnica de Madrid

Type of body: University

Department: Lenguajes y Sistemas Informáticos e Ingeniería de Software (N)

18 Type of teaching: Official teaching

Name of subject/ name of course: Gestion de Base de Datos

Type of programme: Master's degree

Type of teaching: In person theory

Type of subject: Obligatory

Title: Master Universitario en Ingeniería Informática

Course of the qualification taught: 2014-15

Hours/credits: Credits

Number of hours/credits: 4,5

Body where project took place: Universidad
Politécnica de Madrid

Type of body: University

Department: Lenguajes y Sistemas Informáticos e Ingeniería de Software (N)

19 Type of teaching: Official teaching

Name of subject/ name of course: Big Data

Type of programme: Master's degree

Type of teaching: In person theory

Type of subject: Optional

Title: Master Universitario en Ingeniería Informática

Course of the qualification taught: 2014-15

Hours/credits: Credits

Number of hours/credits: 6

Body where project took place: Universidad
Politécnica de Madrid

Type of body: University

Department: Arquitectura y Tecnología de Sistemas Informáticos (N)

20 Type of teaching: Official teaching

Name of subject/ name of course: Tecnología Biomédica

Type of programme: Others

Type of teaching: In person theory

Type of subject: Optional

Title: Grado en Biotecnología

Course of the qualification taught: 2014-15

Hours/credits: Credits

Number of hours/credits: 6

Body where project took place: Universidad
Politécnica de Madrid

Type of body: University

Department: Tecnología Fotónica y Bioingeniería (N)

21 Type of teaching: Official teaching

Name of subject/ name of course: Bases de Datos

Type of programme: Others

Type of teaching: In person theory

Type of subject: Optional

Title: Grado en Biotecnología

Course of the qualification taught: 2014-15

Hours/credits: Credits

Number of hours/credits: 6

Type of body: University



Body where project took place: Universidad
Politécnica de Madrid

Department: Lenguajes y Sistemas Informáticos e Ingeniería de Software (N)

22 Type of teaching: Official teaching

Name of subject/ name of course: Big Data

Type of programme: Master's degree

Type of teaching: In person theory

Type of subject: Obligatory

Title: Eit Digital Master'S Programme in Data Science

Hours/credits: Credits

Number of hours/credits: 6

Body where project took place: Universidad
Politécnica de Madrid

Type of body: University

Department: Arquitectura y Tecnología de Sistemas Informáticos (N)

23 Type of teaching: Official teaching

Name of subject/ name of course: Bases de Datos

Type of programme: Engineering

Type of teaching: In person theory

Type of subject: Obligatory

Title: Ingeniero en Informatica

Course of the qualification taught: 2010-11

Hours/credits: Credits

Number of hours/credits: 7,5

Body where project took place: Universidad
Politécnica de Madrid

Type of body: University

Department: Lenguajes y Sistemas Informaticos e Ingenieria de Software

24 Type of teaching: Official teaching

Name of subject/ name of course: Bases de Datos

Type of programme: Engineering

Type of teaching: In person theory

Type of subject: Obligatory

Title: Ingeniero en Informatica

Course of the qualification taught: 2011-12

Hours/credits: Credits

Number of hours/credits: 7,5

Body where project took place: Universidad
Politécnica de Madrid

Type of body: University

Department: Lenguajes y Sistemas Informaticos e Ingenieria de Software

Directing of doctoral theses or final projects

1 Title of: DT, ECP, ASD: Autonomous classification models in ubiquitous environments

Type of project: Doctoral thesis

Mark: Apto cum laude

Date of reading: 21/12/2015

2 Title of: DT, ECP, ASD: Anotación y consulta de textos escritos en español

Type of project: End of course project

University: Universidad Politécnica de Madrid

Type of body: University

City: Spain



Doctorate student: Gedeón Domínguez Torán

Mark: 10

Date of reading: 19/09/2014

Date of mention: 19/09/2014

- 3 Title of: DT, ECP, ASD:** Dental Implants Success Prediction: Tomography Based and Data Mining Based Approach

University: Universidad Politécnica de Madrid

Type of body: University

City: Spain

Doctorate student: Abdallah ELALAILY

Mark: 8

Date of reading: 11/09/2013

Date of mention: 11/09/2013

- 4 Title of: DT, ECP, ASD:** Autonomous data mining algorithm configurator: application to a social

Type of project: Doctoral thesis

Mark: Sobresaliente

Date of reading: 14/12/2012

- 5 Title of: DT, ECP, ASD:** Mejora del autocuidado de pacientes diabéticos en zonas rurales de Panamá a través de Tecnologías TIC

Type of project: Doctoral thesis

Mark: Sobresaliente

Date of reading: 06/09/2012

- 6 Title of: DT, ECP, ASD:** Learning Recurring Concepts from Data Streams in Ubiquitous Environments

Type of project: Doctoral thesis

Mark: Sobresaliente cum laude

Date of reading: 12/12/2011

- 7 Title of: DT, ECP, ASD:** Inclusión de información de dominio para datos en modelos de clustering basados en densidad para datos estáticos y data stream

Type of project: Doctoral thesis

Mark: Sobresaliente cum laude

Date of reading: 14/12/2009

- 8 Title of: DT, ECP, ASD:** Minería de datos dependiente del contexto en dispositivos ubicuos

Type of project: Minor thesis

University: Universidad Politécnica de Madrid

Type of body: University

City: Spain

Doctorate student: Miguel Angel Abad Arranz

Mark: 9

Date of reading: 01/06/2009

- 9 Title of: DT, ECP, ASD:** Modelo matemático paramétrico de estimación para proyectos de Data Mining (DMCOMO).

Type of project: Doctoral thesis

- 10 Title of: DT, ECP, ASD:** Integración del proceso de inferencia de conocimiento con los sistemas de bases de datos relacionados: Formalización matemática de la fase de análisis

Type of project: Doctoral thesis

**Participation in projects for innovation in teaching (plans and research teams related with EEES).**

- 1** **Name of the project:** Discovery Research program
Number of participants: 16
Funding body: CENTRO DE TECNOLOGIA BIOMEDICA (CTB) **Type of body:** Technological Centre
Participation end date: 30/04/2016
- 2** **Name of the project:** PBL aplicado a la docencia de bases de datos relacionales
Number of participants: 2
Funding body: Facultad de Informática **Type of body:** University Centres and Structures and Associated Bodies
Participation end date: 30/09/2008

Experience in Science and Technology**Participation in research, development or innovation groups / teams**

Name (if applicable): Minería de Datos y Simulación (MIDAS)
Name of the head researcher of the group (HR): Ernestina Menasalvas Ruiz
City: Madrid, Community of Madrid, Spain
Body the group belongs to: Universidad Politécnica de Madrid
Start date: 17/06/2014

Scientific or technological activity**Participation in R&D&I projects funded in competitive tenders by public or private bodies**

- 1** **Name of the project:** IASIS: Integration and analysis of heterogeneous big data for precision medicine and suggested treatments for different type of patients
City: Unknown
Head(s) researcher(s): Ernestina Menasalvas Ruiz
Number of participating researchers: 1
Start date: 03/04/2017
- 2** **Name of the project:** BDVe: Big Data Value ecosystem
City: Unknown
Head(s) researcher(s): Ernestina Menasalvas Ruiz
Number of participating researchers: 1
Start date: 11/11/2016
- 3** **Name of the project:** FACET-2016: Integrated supportive services/products to promote FrAilty Care and wEll function
City: Unknown



Head(s) researcher(s): Francisco del Pozo Guerrero

Number of participating researchers: 7

Start date: 08/07/2016

4 Name of the project: PAPHOS-2016: Integrated supportive services to enhance functional

City: Unknown

Head(s) researcher(s): Francisco del Pozo Guerrero

Number of participating researchers: 4

Start date: 01/01/2016

5 Name of the project: EIT Label I&E Education: I&E education of doctoral students

City: Unknown

Head(s) researcher(s): Gonzalo Leon Serrano

Number of participating researchers: 8

Start date: 17/07/2015

6 Name of the project: Master Data Science-2015: Master Data Science

City: Unknown

Head(s) researcher(s): Marta Patiño Martinez

Number of participating researchers: 5

Start date: 17/07/2015

7 Name of the project: Nuevos Avances en Visualización Analítica

City: Spain

Head(s) researcher(s): Jose Maria Peña Sanchez

Number of participating researchers: 10

Funding body or bodies: MINECO

Code according to the funding body: TIN2014-57481-C2-2-R

Start date: 01/07/2015

Total amount: 78.300

8 Name of the project: Desarrollo de una plataforma web para la anotación semántica de imágenes de satélite

City: Spain

Head(s) researcher(s): Consuelo Gonzalo Martin

Number of participating researchers: 7

Funding body or bodies: Universidad Politécnica de Madrid

Code according to the funding body: AL15-PID-25, 2015

Start date: 01/02/2015

Duration of the project: 3 years

Total amount: 36.000

9 Name of the project: Desarrollo de una plataforma web para la anotación semántica de imágenes de satélite

City: Spain

Head(s) researcher(s): Consuelo Gonzalo Martin

Number of participating researchers: 7

Funding body or bodies: Universidad Politécnica de Madrid

Code according to the funding body: AL15-PID-25, 2015

Start date: 01/02/2015

Total amount: 3.600



- 10** **Name of the project:** : Animalario del Centro de Tecnología Biomédica y Centros del Campus Montegancedo de la UPM
City: Unknown
Head(s) researcher(s): Francisco del Pozo Guerrero
Number of participating researchers: 16
Start date: 10/12/2014
- 11** **Name of the project:** UNIV. CONCEPCION-ESTRUC. INFORMATICA SENT. JUDIC.
City: Chile
Head(s) researcher(s): Consuelo Gonzalo Martin
Number of participating researchers: 4
Funding body or bodies: universidad concepción chile
Code according to the funding body: 43822847004
Start date: 01/05/2014
Total amount: 3.600
- 12** **Name of the project:** HOLOS-REALIZ. ALGORITMOS FUSION IMAGEN
City: Portugal
Head(s) researcher(s): Consuelo Gonzalo Martin
Number of participating researchers: 2
Funding body or bodies: HOLOS
Code according to the funding body: 43822847003
Start date: 03/03/2014
Total amount: 5.100
- 13** **Name of the project:** RETHINK big: Roadmap for European Technologies in Hardware & Networking for Big Data RETHINK big
City: Unknown
Head(s) researcher(s): Ernestina Menasalvas Ruiz
Number of participating researchers: 6
Start date: 05/02/2014
- 14** **Name of the project:** DESARROLLO DE LA PROPUESTA DE UN DOCTORAL TRAINING CENTER (DTC) EN MADRID DEL NODO ESPAÑOL DE LA KNOWLEDGE AND INNOVATION COMMUNITY (KIC) DENOMINADA ICT LABS DEL EUROPEAN INSTITUTE OF TECHNOLOGY
City: Spain
Head(s) researcher(s): Ernestina Menasalvas Ruiz
Number of participating researchers: 1
Funding body or bodies: IMDEA-SW
Code according to the funding body: P1410470339
Start date: 01/01/2014
Total amount: 0
- 15** **Name of the project:** Water Research Center for Agriculture and Minin
City: Chile
Head(s) researcher(s): Consuelo Gonzalo Martin
Number of participating researchers: 5
Funding body or bodies: FONDO DE FINANCIAMIENTO DE CENTROS DE INVESTIGACIÓN EN ÁREAS PRIORITARIAS (FONDAP). 5º Concurso Nacional de Centros de Excelencia en Investigación (Chile)
Code according to the funding body: FONDAP 15130015
Start date: 15/10/2013



Total amount: 900.000

16 Name of the project: HBP. HUMAN BRAIN PROJECT. SUBPROYECTO TOOLS FOR STRUCTURAL DATA ANALYSIS

City: Unknown

Head(s) researcher(s): Jose Maria Peña Sanchez

Number of participating researchers: 14

Funding body or bodies: Comisión Europea

Code according to the funding body: E131001379

Start date: 01/10/2013

Total amount: 36.080

17 Name of the project: HBP. HUMAN BRAIN PROJECT. SUBPROYECTO TOOLS FOR STRUCTURAL DATA ANALYSIS

City: Unknown

Head(s) researcher(s): Jose Maria Peña Sanchez

Number of participating researchers: 14

Funding body or bodies: Comisión Europea

Code according to the funding body: E131001379

Start date: 01/10/2013

Total amount: 36.080

18 Name of the project: HBP. HUMAN BRAIN PROJECT. SUBPROYECTO TOOLS FOR STRUCTURAL DATA ANALYSIS

City: Unknown

Head(s) researcher(s): Jose Maria Peña Sanchez

Number of participating researchers: 14

Funding body or bodies: Comisión Europea

Code according to the funding body: E131001379

Start date: 01/10/2013

Total amount: 36,08

19 Name of the project: HBP. HUMAN BRAIN PROJECT. SUBPROYECTO TOOLS FOR STRUCTURAL DATA ANALYSIS

City: Unknown

Head(s) researcher(s): Jose Maria Peña Sanchez

Number of participating researchers: 14

Funding body or bodies: Comisión Europea

Code according to the funding body: E131001379

Start date: 01/10/2013

Total amount: 36.080

20 Name of the project: HBP: The Human Brain Project HBP

City: Unknown

Head(s) researcher(s): Javier De Felipe Oroquieta

Number of participating researchers: 35

Start date: 02/09/2013

Total amount: 1.862.835



- 21** **Name of the project:** RETHINK big? RETHINK big: Roadmap for European Technologies in Hardware and Networking for Big Data
City: Unknown
Head(s) researcher(s): Ernestina Menasalvas Ruiz
Number of participating researchers: 2
Funding body or bodies: Coordination and Support Action (CSA) de la UE
Code according to the funding body: E140060077
Start date: 10/07/2013
Total amount: 0
- 22** **Name of the project:** RETHINK big? RETHINK big: Roadmap for European Technologies in Hardware and Networking for Big Data
City: Unknown
Head(s) researcher(s): Ernestina Menasalvas Ruiz
Number of participating researchers: 2
Funding body or bodies: Coordination and Support Action (CSA) de la UE
Code according to the funding body: E140060077
Start date: 10/07/2013
Total amount: 0
- 23** **Name of the project:** RETHINK big? RETHINK big: Roadmap for European Technologies in Hardware and Networking for Big Data
City: Unknown
Head(s) researcher(s): Ernestina Menasalvas Ruiz
Number of participating researchers: 2
Funding body or bodies: Coordination and Support Action (CSA) de la UE
Code according to the funding body: E140060077
Start date: 10/07/2013
Total amount: 0
- 24** **Name of the project:** ANALISIS MULTIPARAMETRICO DE IMAGEN, CLINICA Y TERAPIA PARA OPTIMIZACION DE LA REHABILITACION COGNITIVA EN DCA
City: Spain
Head(s) researcher(s): Enrique Javier Gomez Aguilera
Number of participating researchers: 4
Funding body or bodies: MINISTERIO DE ECONOMIA
Code according to the funding body: C13094501
Start date: 01/01/2013
Total amount: 0
- 25** **Name of the project:** RESILIENCE2050.eu: New design principles fostering safety, agility and resilience for ATM
City: Belgium
Head(s) researcher(s): Ernestina Menasalvas Ruiz
Number of participating researchers: 10
Funding body or bodies: Comisión Europea
Start date: 11/05/2012
Total amount: 309.025



- 26** **Name of the project:** DATA MINING SEMIAUTONOMO PARA ENTORNOS UBICUOS
City: Spain
Head(s) researcher(s): Ernestina Menasalvas Ruiz
Number of participating researchers: 5
Funding body or bodies: Ministerio de Educación y Ciencia
Code according to the funding body: C08100520
Start date: 19/11/2008
Total amount: 86.000
- 27** **Name of the project:** RT-WEBP: un sistema de detección de perfiles de navegantes web en tiempo real
City: Unknown
Head(s) researcher(s): Ernestina Menasalvas Ruiz
Number of participating researchers: 2
Funding body or bodies: Universidad Politécnica de Madrid
Code according to the funding body: OTT-14495
Start date: 01/06/2002
- 28** **Name of the project:** COGNITIO: Análisis multiparamétrico de imagen, clínica y terapia para optimización de la rehabilitación cognitiva en DCA
City: Unknown
Head(s) researcher(s): Enrique Javier Gomez Aguilera
Number of participating researchers: 7
Total amount: 129.285
- 29** **Name of the project:** DESARROLLO DE LA PROPUESTA DE UN DOCTORAL TRAINING CENTER (DTC) EN MADRID DEL NODO ESPAÑOL DE LA KNOWLEDGE AND INNOVATION COMMUNITY (KIC) DENOMINADA ICT LABS DEL EUROPEAN INSTITUTE OF TECHNOLOGY
City: Unknown
Head(s) researcher(s): Ernestina Menasalvas Ruiz
Number of participating researchers: 1
Funding body or bodies: EIT
Code according to the funding body: P1410470339
Total amount: 0
- 30** **Name of the project:** IBM AWARD
City: Unknown
Head(s) researcher(s): Ernestina Menasalvas Ruiz
Number of participating researchers: 1
Funding body or bodies: IBM
Code according to the funding body: SE151047001
Total amount: 15.000
- 31** **Name of the project:** 1ª RESOLUCIÓN ADJUDICACIÓN AYUDAS PARA PROMOCIÓN DE LA INVESTIGACIÓN EUROPEA.
City: Unknown
Head(s) researcher(s): Ernestina Menasalvas Ruiz
Number of participating researchers: 1
Funding body or bodies: Universidad Politécnica de Madrid
Code according to the funding body: VNUEVASINV15EM
Total amount: 0

- 32** **Name of the project:** Data Mining Autónomo: el reto de la ubicuidad en los procesos de Data Mining
City: Spain
Head(s) researcher(s): Santiago Eibe Garcia
Number of participating researchers: 5
Funding body or bodies: Universidad Politécnica de Madrid
Code according to the funding body: M0700204121
Total amount: 25.000
- 33** **Name of the project:** GOLD: GESTION DE IMAGENES MEDICAS
City: Spain
Head(s) researcher(s): M.Carmen Costilla Rodriguez; Esperanza Marcos
Number of participating researchers: 4
Funding body or bodies: MCYT
Code according to the funding body: TIC 2005-00010
Total amount: 25.000
- 34** **Name of the project:** EDAD
City: Unknown
Head(s) researcher(s): Esperanza Marcos
Number of participating researchers: 3
Funding body or bodies: Comunidad de Madrid
Code according to the funding body: 07T/0056/2003

Participation in R&D&I contracts, agreements or projects, not the result of competitive bidding, with companies (or internally in them) and/or governments

- 1** **Name of the project:** Patrimonio Histórico Iberoamericano (PHI) ADENDA 2015
City: Spain
Number of participating researchers: 5
Funding body: KALAM **Type of body:** Body, others
Start date: 19/10/2015
Total amount: 15
- 2** **Name of the project:** Patrimonio Histórico Iberoamericano (PHI) ADENDA 2015
City: Spain
Number of participating researchers: 5
Funding body: KALAM **Type of body:** Body, others
Start date: 19/10/2015
Total amount: 15
- 3** **Name of the project:** Patrimonio Histórico Iberoamericano (PHI) ADENDA 2014
City: Spain
Number of participating researchers: 5
Funding body: KALAM **Type of body:** Body, others
Start date: 06/03/2014
Total amount: 15
- 4** **Name of the project:** Patrimonio Histórico Iberoamericano (PHI) ADENDA 2014
City: Spain
Number of participating researchers: 5



Funding body: KALAM

Start date: 06/03/2014

Total amount: 15

Type of body: Body, others

5 Name of the project: Water Research Center for Agriculture and Minin

City: Chile

Head researcher: Consuelo Gonzalo Martin

Number of participating researchers: 5

Funding body: FONDO DE FINANCIAMIENTO DE CENTROS DE INVESTIGACIÓN EN ÁREAS PRIORITARIAS (FONDAP). 5º Concurso Nacional de Centros de Excelencia en Investigación (Chile)

Type of body: Body, others

Start date: 15/10/2013

Total amount: 900.000

6 Name of the project: Water Research Center for Agriculture and Minin

City: Chile

Head researcher: Consuelo Gonzalo Martin

Number of participating researchers: 5

Funding body: FONDO DE FINANCIAMIENTO DE CENTROS DE INVESTIGACIÓN EN ÁREAS PRIORITARIAS (FONDAP). 5º Concurso Nacional de Centros de Excelencia en Investigación (Chile)

Type of body: Body, others

Start date: 15/10/2013

Total amount: 900.000

7 Name of the project: Nuevas estrategias de procesamiento de datos multi-sensor para la estimación y y visualización de mapas de evapotranspiración de cultivos multiresolución

City: Spain

Head researcher: Consuelo Gonzalo Martin

Number of participating researchers: 8

Funding body: Universidad Politécnica de Madrid

Type of body: University

Start date: 01/01/2013

Total amount: 7.600

Scientific Activities and General Techniques

Scientific production

Publications, Scientific and Technical Documents and any other publication

- 1** consuelo gonzalo-martin; ayan seal; ernestina menasalvas; debotosh bhattacharjee; mita nasipuri. Fusion of Visible and Thermal Images Using a Directed Search Method for Face Recognition. INTERNATIONAL JOURNAL OF PATTERN RECOGNITION AND ARTIFICIAL INTELLIGENCE. 31 - 4, pp. 0 - 17. 2017. ISSN 0218-0014
Type of production: Article
Ranking among the total: 3
Index measuring impact: 0,669
- 2** Alejandro Rodriguez Gonzalez; ernestina menasalvas ruiz; miguel a. mayer pujadas. Automatic extraction and identification of users' responses in Facebook medical quizzes. COMPUTER METHODS AND PROGRAMS IN BIOMEDICINE. 127 - null, pp. 197 - 203. 2016. ISSN 0169-2607
Type of production: Article
Ranking among the total: 2
Index measuring impact: 1,897
- 3** ernestina menasalvas; Alejandro Rodriguez Gonzalez; roberto costumero; hector ambit; consuelo gonzalo. Clinical Narrative Analytics Challenges. ROUGH SETS, (IJCRS 2016). 9920 - null, pp. 23 - 32. 2016. ISSN 0302-9743
Type of production: Article
Ranking among the total: 1
Index measuring impact: 0
- 4** d. papo; m. zanin; e. menasalvas; p. a. sousa; a. nicchi; e. kubik; s. boccaletti. Combining complex networks and data mining: Why and how. PHYSICS REPORTS-REVIEW SECTION OF PHYSICS LETTERS. 635 - null, pp. 1 - 44. 2016. ISSN 0370-1573
Type of production: Article
Ranking among the total: 3
Index measuring impact: 20,033
- 5** roberto costumero; jesus sanchez; Angel Mario García Pedrero; consuelo gonzalo-martin; diego rivera; ernestina menasalvas; mario lillo. Geography of legal water disputes in Chile. JOURNAL OF MAPS. 13 - 1, pp. 7 - 13. 2016. ISSN 1744-5647
Type of production: Article
Ranking among the total: 6
Index measuring impact: 1,193
- 6** consuelo gonzalo-martin; diego rivera; ernestina menasalvas; alex godoy-faundez; roberto costumero; mario lillo; Angel Mario García Pedrero; amaya alvez; veronica delgado. Legal disputes as a proxy for regional conflicts over water rights in Chile. JOURNAL OF HYDROLOGY. 535 - null, pp. 36 - 45. 2016. ISSN 0022-1694
Type of production: Article
Ranking among the total: 3
Index measuring impact: 3,053

- 7** consuelo gonzalo-martin; ernestina menasalvas; mario lillo-saavedra; Angel Mario García Pedrero; roberto costumero; david fonseca-luengo. Local optimal scale in a hierarchical segmentation method for satellite images An OBIA approach for the agricultural landscape. JOURNAL OF INTELLIGENT INFORMATION SYSTEMS. 46 - 3, pp. 517 - 529. 2016. ISSN 0925-9902
Type of production: Article
Ranking among the total: 2
Index measuring impact: 0,886
- 8** antonio gracia; Santiago González Tortosa; victor robles; ernestina menasalvas; tatiana von landesberger. New insights into the suitability of the third dimension for visualizing multivariate/multidimensional data: A study based on loss of quality quantification. INFORMATION VISUALIZATION. 15 - 1, pp. 3 - 30. 2016. ISSN 1473-8716
Type of production: Article
Ranking among the total: 4
Index measuring impact: 0,541
- 9** menasalvas ernestina; gomes joao bartolo; abad miguel angel. Predicting recurring concepts on data-streams by means of a meta-model and a fuzzy similarity function. EXPERT SYSTEMS WITH APPLICATIONS. 46 - null, pp. 87 - 105. 2016. ISSN 0957-4174
Type of production: Article
Ranking among the total: 1
Index measuring impact: 2,24
- 10** Consuelo Gonzalo Martin; Mario Lillo Saavedra; Ernestina Menasalvas Ruiz; David Fonseca Luengo; Angel Mario García Pedrero; Roberto Costumero Moreno. Local optimal scale in a hierarchical segmentation method for satellite images. Journal of Intelligent Information Systems. pp. 0 - 0. 06/2015. ISSN 0925-9902
Type of production: Article
Ranking among the total: 3
Index measuring impact: 0,632
- 11** Alejandro Rodriguez Gonzalez; Ernestina Menasalvas Ruiz; Miguel Angel Mayer. Automatic extraction and identification of users responses in Facebook medical quizzes. Computer Methods And Programs in Biomedicine. pp. 0 - 0. 05/2015. ISSN 0169-2607
Type of production: Article
Ranking among the total: 2
Index measuring impact: 1,093
- 12** Alejandro Rodriguez Gonzalez; Roberto Costumero Moreno; Marcos Martinez Romero; Mark Denis Wilkinson; Ernestina Menasalvas Ruiz. Extracting Diagnostic Knowledge from MedLine Plus: a Comparison between MetaMap and cTAKES Approaches. Current Bioinformatics. 05/2015. ISSN 1574-8936
Type of production: Article
Ranking among the total: 5
Index measuring impact: 1,726
- 13** Alejandro Rodriguez Gonzalez; Roberto Costumero Moreno; Marcos Martinez Romero; Mark Denis Wilkinson; Ernestina Menasalvas Ruiz. Extracting Diagnostic Knowledge from MedLine Plus: a Comparison between MetaMap and cTAKES Approaches. Current Bioinformatics. 05/2015. ISSN 1574-8936
Type of production: Article
Ranking among the total: 5
Index measuring impact: 1,726
- 14** Miguel Angel Abad Arranz; Ernestina Menasalvas Ruiz. Recurrent drifts: applying fuzzy logic to concept similarity function. Federated Conference on Computer Science and Information Systems. pp. 19 - 29. 05/2015.
Type of production: Article

**Ranking among the total: 2**

- 15** Cesar Antonio Ortiz Toro; Consuelo Gonzalo Martin; Angel Mario García Pedrero; Ernestina Menasalvas Ruiz. Superpixel-Based Roughness Measure for Multispectral Satellite Image Segmentation. Remote Sensing. 7 - 11, pp. 14620 - 14645. 05/2015. ISSN 2072-4292
Type of production: Article
Ranking among the total: 4
Index measuring impact: 2,623
- 16** Miguel Angel Abad Arranz; Joao Bartolo Gomes; Ernestina Menasalvas Ruiz. Predicting recurring concepts on data-streams by means of a meta-model and a fuzzy similarity function. Expert Systems With Applications. 46 - null, pp. 87 - 105. 03/2015. ISSN 0957-4174
Type of production: Article
Ranking among the total: 3
Index measuring impact: 2,24
- 17** fernando maestu; Jose Maria Peña Sanchez; pilar garces; Santiago González Tortosa; ricardo bajo; pablo cuesta; anto bagic; ernestina menasalvas; maria e. lopez; francisco del pozo; michael funke; jyrki p. makela; akinori nakamura; lauri parkkonen; gustavo sudre; edward zamrini; eero pekkonen; richard n. henson; james t. becker. A multicenter study of the early detection of synaptic dysfunction in Mild Cognitive Impairment using Magnetoencephalography-derived functional connectivity. NEUROIMAGE-CLINICAL. 9 - null, pp. 103 - 109. 2015. ISSN 2213-1582
Type of production: Article
Ranking among the total: 8
Index measuring impact: 2,526
- 18** miguel angel abad; ernestina menasalvas. Recurrent drifts: applying fuzzy logic to concept similarity function. PROCEEDINGS OF THE 2015 FEDERATED CONFERENCE ON COMPUTER SCIENCE AND INFORMATION SYSTEMS. 5 - null, pp. 19 - 29. 2015. ISSN 2300-5963
Type of production: Article
Ranking among the total: 2
Index measuring impact: 0
- 19** cesar antonio ortiz toro; Consuelo Gonzalo Martin; Angel Garcia Botella; Angel Mario García Pedrero; ernestina menasalvas ruiz. Superpixel-Based Roughness Measure for Multispectral Satellite Image Segmentation. REMOTE SENSING. 7 - 11, pp. 14620 - 14645. 2015. ISSN 2072-4292
Type of production: Article
Ranking among the total: 5
Index measuring impact: 3,18
- 20** Javier Solana Sanchez; César Cáceres Taladriz; alberto garcia-molina; Paloma Chausa Fernández; eloy opisso; teresa roig-rovira; Ernestina Menasalvas Ruiz; Jose M Tormos-Muñoz; Enrique Javier Gomez Aguilera. Intelligent Therapy Assistant (ITA) for cognitive rehabilitation in patients with acquired brain injury. BMC Medical Informatics And Decision Making. pp. online - online. 07/2014. ISSN 1472-6947
Type of production: Article
Ranking among the total: 7
Index measuring impact: 1,6
- 21** Antonio Gracia Berna; Santiago González Tortosa; Victor Robles Forcada; Ernestina Menasalvas Ruiz; Tatiana von Landesberger. New insights into the suitability of the third dimension for visualizing multivariate/multidimensional data: a study based on loss of quality quantification. Information Visualization. pp. 0 - 0. 05/2014. ISSN 1473-8716
Type of production: Article



Ranking among the total: 4
Index measuring impact: 1

- 22** Miguel Angel Abad Arranz; Joao Bartolo Gomes; Ernestina Menasalvas Ruiz. Recurring concept detection for spam filtering. Information Fusion (FUSION), 2014 17th International Conference. pp. 1 - 7. 05/2014. ISSN 978-84-9012-355-3

Type of production: Article
Ranking among the total: 3

- 23** antonio gracia; Santiago González Tortosa; Santiago Fernández González; Santiago Gonzalez Alonso; victor robes; ernestina menasalvas. A methodology to compare Dimensionality Reduction algorithms in terms of loss of quality. INFORMATION SCIENCES. 270 - null, pp. 1 - 27. 2014. ISSN 0020-0255

Type of production: Article
Ranking among the total: 6
Index measuring impact: 3,643

- 24** e. menasalvas; m. zanin; p. a. sousa. Information content: Assessing meso-scale structures in complex networks. EPL. 106 - 3, pp. 0 - 6. 2014. ISSN 0295-5075

Type of production: Article
Ranking among the total: 1
Index measuring impact: 2,26

- 25** javier solana; cesar caceres; paloma chausa; alberto garcia-molina; enrique j. gomez; ernestina menasalvas; eloy opisso; teresa roig-rovira; jose m. tormos-munoz. Intelligent Therapy Assistant (ITA) for cognitive rehabilitation in patients with acquired brain injury. BMC MEDICAL INFORMATICS AND DECISION MAKING. 14 - null, pp. 0 - 13. 2014. ISSN 1472-6947

Type of production: Article
Ranking among the total: 6
Index measuring impact: 1,496

- 26** ernestina menasalvas; joao bartolo gomes; mohamed medhat gaber; pedro a. c. sousa. Mining Recurring Concepts in a Dynamic Feature Space. IEEE TRANSACTIONS ON NEURAL NETWORKS AND LEARNING SYSTEMS. 25 - 1, pp. 95 - 110. 2014. ISSN 2162-237X

Type of production: Article
Ranking among the total: 1
Index measuring impact: 0

- 27** joaquin medina alcazar; massimiliano zanin; jesus vicente carbajosa; marcela gomez paez; david papo; ernestina menasalvas; pedro sousa; stefano boccaletti. Parenclitic networks: uncovering new functions in biological data. SCIENTIFIC REPORTS. 4 - null, pp. 0 - 6. 2014. ISSN 2045-2322

Type of production: Article
Ranking among the total: 6
Index measuring impact: 2,927

- 28** miguel angel abad; ernestina menasalvas; joao bartolo gomes. Recurring Concept Detection for Spam Filtering. 2014 17TH INTERNATIONAL CONFERENCE ON INFORMATION FUSION (FUSION). pp. 0 - 7. 2014.

Type of production: Article
Ranking among the total: 2
Index measuring impact: 0



- 29** consuelo gonzalo; ernestina menasalvas. TIDA: A Spanish EHR Semantic Search Engine. 8TH INTERNATIONAL CONFERENCE ON PRACTICAL APPLICATIONS OF COMPUTATIONAL BIOLOGY & BIOINFORMATICS (PACBB 2014). 294 - null, pp. 235 - 242. 2014. ISSN 2194-5357
Type of production: Article
Ranking among the total: 2
Index measuring impact: 0
- 30** Massimiliano Zanin; David Papo; Jose Luis Gonzalez Solis; Juan Carlos Martinez Espinosa; Claudio Frausto-Reye; Pascual Palomares Anda; Ricardo Sevilla-Escoboza; Rider Jaimes-Reategui; Stefano Boccaletti; Ernestina Menasalvas Ruiz; Pedro Sousa. Knowledge Discovery in Spectral Data by Means of Complex Networks. metabolites. 3 - 1, pp. 155 - 167. 03/2013. ISSN 2218-1989
Type of production: Article
Ranking among the total: 10
- 31** ernestina menasalvas; joao bartolo gomes; mohamed medhat gaber; pedro a. c. sousa. COLLABORATIVE DATA STREAM MINING IN UBIQUITOUS ENVIRONMENTS USING DYNAMIC CLASSIFIER SELECTION. INTERNATIONAL JOURNAL OF INFORMATION TECHNOLOGY & DECISION MAKING. 12 - 6, pp. 1287 - 1308. 2013. ISSN 0219-6220
Type of production: Article
Ranking among the total: 1
Index measuring impact: 0
- 32** ernestina menasalvas; massimiliano zanin; stefano boccaletti; pedro sousa. Feature Selection in the Reconstruction of Complex Network Representations of Spectral Data. PLOS ONE. 8 - 8, pp. 0 - 7. 2013. ISSN 1932-6203
Type of production: Article
Ranking among the total: 1
Index measuring impact: 4,092
- 33** luis mengual; oscar marban; santiago eibe; ernestina menasalvas. Multi-agent location system in wireless networks. EXPERT SYSTEMS WITH APPLICATIONS. 40 - 6, pp. 2244 - 2262. 2013. ISSN 0957-4174
Type of production: Article
Ranking among the total: 4
Index measuring impact: 2,203
- 34** ernestina menasalvas; aysegul cayci; santiago eibe; yucel saygin. Self-configuring data mining for ubiquitous computing. INFORMATION SCIENCES. 246 - null, pp. 83 - 99. 2013. ISSN 0020-0255
Type of production: Article
Ranking among the total: 1
Index measuring impact: 2,833
- 35** Francisco Garcia Fernandez; Paloma de Palacios De Palacios; Luis Garcia Esteban; Alberto García Iruela; Beatriz Gonzalez Rodrigo; Ernestina Menasalvas Ruiz. Prediction of MOR and MOE of structural plywood board using an artificial neural network and comparison with a multivariate regression model. Composites Part B-Engineering. 43 - 8, pp. 3528 - 3533. 12/2012. ISSN 1359-8368
Type of production: Article
Ranking among the total: 6
Index measuring impact: 1,731
- 36** Massimiliano Zanin; Pedro Sousa; David Papo; Ricardo Bajo; Juan Garcia-Prieto; Francisco del Pozo Guerrero; Ernestina Menasalvas Ruiz; Stefano Boccaletti. Optimizing Functional Network Representation of Multivariate Time Series. Scientific Report. pp. 1 - 5. 09/2012. ISSN 1040-0303
Type of production: Article

**Ranking among the total: 7**

- 37** Massimiliano Zanin; Ernestina Menasalvas Ruiz; Pedro Sousa; Stefano Boccaletti. Preprocessing and analyzing genetic data with complex networks: An application to Obstructive Nephropathy. Networks And Heterogeneous Media. 7 - 3, pp. 473 - 481. 09/2012. ISSN 1556-1801
Type of production: Article
Ranking among the total: 2
Index measuring impact: 0,658
- 38** Miguel Angel Abad Arranz; Ernestina Menasalvas Ruiz. Framework for the establishment of Resource-Aware Data Mining Techniques on Critical Infrastructures. 14th International Conference on Information Processing and Management of Uncertainty in Knowledge-Based Systems, IPMU 2012, Catania, Italy, July 9-13, 2012. Proceedings, Part II. 298 - null, pp. 560 - 569. 05/2012. ISSN 1865-0929
Type of production: Article
Ranking among the total: 2
- 39** Joao Bartolo Gomes; Pedro Sousa; Ernestina Menasalvas Ruiz. Tracking recurrent concepts using context. Intelligent Data Analysis. 16 - 5, pp. 803 - 825. 05/2012. ISSN 1088-467X
Type of production: Article
Ranking among the total: 3
Index measuring impact: 0,448
- 40** rommel torres; luis mengual; oscar marban; santiago eibe; ernestina menasalvas; byron maza. A management Ad Hoc networks model for rescue and emergency scenarios. EXPERT SYSTEMS WITH APPLICATIONS. 39 - 10, pp. 9554 - 9563. 2012. ISSN 0957-4174
Type of production: Article
Ranking among the total: 5
Index measuring impact: 1,924
- 41** ANDREA ZANDA; SANTIAGO EIBE; ERNESTINA MENASALVAS. SOMAR: A SOcial Mobile Activity Recommender. EXPERT SYSTEMS WITH APPLICATIONS. 39 - 9, pp. 8423 - 8429. 2012. ISSN 0957-4174
Type of production: Article
Ranking among the total: 3
Index measuring impact: 1,924
- 42** Aysegul Cayci; Ernestina Menasalvas Ruiz; Santiago Eibe Garcia; Yucel Saygin. Bayesian Networks to Predict Data Mining Algorithm Behavior in Ubiquitous Computing Environments. Analysis of Social Media and Ubiquitous Data International Workshops MSM 2010, Toronto, Canada, June 13, 2010, and MUSE 2010, Barcelona, Spain, September 20, 2010, Revised Selected Papers. 119-141, Springer, 2011. ISBN 978-3-642-23598-6
Type of production: Chapters of books
Ranking among the total: 2
- 43** Miguel Vargas Lombardo; Armando Jipsion; Rafael Vejarano; Ismael Camargo; Humberto Álvarez; Elena Villalba Mora; Ernestina Menasalvas Ruiz. Technologies to Better Serve the Millions of Diabetic Patients: A Holistic, Interactive and Persuasive ICT Model to Facilitate Self Care, in Extremely Poor Rural Zones of Central America. JOURNAL OF MEDICAL SYSTEMS. 12 - 9, pp. 717 - 722. 09/2010. ISSN 0148-5598
Type of production: Article
Ranking among the total: 7
Index measuring impact: 0,654
- 44** carlos ruiz; myra spiliopoulou; ernestina menasalvas. Density-based semi-supervised clustering. DATA MINING AND KNOWLEDGE DISCOVERY. 21 - 3, pp. 345 - 370. 05/2010. ISSN 1384-5810
Type of production: Article



Ranking among the total: 3

Index measuring impact: 1,238

- 45** vargas-lombardo miguel .; jipsion armando .; alvarez humberto .; ernestina mensalva ruiz; elena villalba mora. Scope of Information Communications Technology in the Health of Diabetes Patients in Poor Rural Zones of Panama Through Holistic, Interactive, and Persuasive Model to Facilitate Self-Care of Diabetes Patients. DIABETES TECHNOLOGY & THERAPEUTICS. 12 - 9, pp. 717 - 722. 05/2010. ISSN 1520-9156

Type of production: Article

Ranking among the total: 4

Index measuring impact: 2,146

- 46** maria valencia; codrina lauth; ernestina menasalvas. EMERGING USER INTENTIONS: MATCHING USER QUERIES WITH TOPIC EVOLUTION IN NEWS TEXT STREAMS. INTERNATIONAL JOURNAL OF UNCERTAINTY FUZZINESS AND KNOWLEDGE-BASED SYSTEMS. 17 - null, pp. 59 - 80. 05/2009. ISSN 0218-4885

Type of production: Article

Ranking among the total: 3

Index measuring impact: 1,147

- 47** Santiago Eibe Garcia; María Cecilia Valencia Peláez; Ernestina Menasalvas Ruiz. Proceso de Categorización de Consultas Basado en Visibilidad en un Dispositivo Móvil. Revista Colombiana De Computacion / Colombian Journal of Computation - RCC. 10 - 2, pp. 142 - 154. 05/2009. ISSN 1657-2831

Type of production: Article

Ranking among the total: 3

- 48** oscar marban; javier segovia; ernestina menasalvas; covadonga fernandez-baizan. Toward data mining engineering: A software engineering approach. INFORMATION SYSTEMS. 34 - 1, pp. 87 - 107. 05/2009. ISSN 0306-4379

Type of production: Article

Ranking among the total: 3

Index measuring impact: 1,966

- 49** Ernestina Menasalvas Ruiz. Methods and Supporting Technologies for Data Analysis, 1st edition. Springer, 2009. ISBN 3642021956

Type of production: Book

Ranking among the total: 1

- 50** oscar marban; ernestina menasalvas; covadonga fernandez-balzan. A cost model to estimate the effort of data mining projects (DMCoMo). INFORMATION SYSTEMS. 33 - 1, pp. 133 - 150. 05/2008. ISSN 0306-4379

Type of production: Article

Ranking among the total: 2

Index measuring impact: 1,66

- 51** Ernestina Menasalvas Ruiz. Anita Wasilewska, Ernestina Menasalvas Ruiz: Data Preprocessing and Data Mining as Generalization.2008. Available on-line at: <Data Mining: Foundations and Practice 2008: Vol. 118 Springer 2008, ISBN 978-3-540-78487-6>.

Type of production: Capitulo de libro

Ranking among the total: 1

- 52** Ernestina Menasalvas Ruiz; Santiago Eibe Garcia. Context-aware recommendations in ubiquitous devices. Workshop, 2008. Available on-line at: <ecml/pkdd'08. UbiqKDD Workshop>.

Type of production: actas del workshop

**Ranking among the total: 1**

- 53** Santiago Eibe Garcia; María Cecilia Valencia Peláez; Ernestina Menasalvas Ruiz; Fco.Javier Segovia Perez. Towards user context enhance search engine logs mining. Advances in Soft Computing. 43 - null, pp. 94 - 99. 05/2007. ISSN 1615-3871
Type of production: Article
Ranking among the total: 3
- 54** Christelle Scharff; Ernestina Menasalvas Ruiz; Anita Wasilewska. A Model PM for Preprocessing and Data Mining Proper Process. Transactions on Rough Sets VI. 397-399, Springer, 2007. ISBN 978-3-540-71198-8
Type of production: Chapters of books
Ranking among the total: 2
- 55** Carlos Ruiz; Pedro González-Aranda; Ernestina Menasalvas Ruiz; Socorro Millán; Fco.Javier Segovia Perez. Towards a Methodology for Data Mining Project Development: The Importance of Abstraction. Studies in Computational Intelligence. 165-178, Springer Berlin / Heidelberg, 2007. ISBN 978-3-540-78487-6
Type of production: Chapters of books
Ranking among the total: 3
- 56** Gonzalo Mariscal Vivas; Ernestina Menasalvas Ruiz; Oscar Marban Gallego; Fco.Javier Segovia Perez. Un modelo de proceso para Data Mining y Knowledge Discovery. Fundación general de la UPM, 2007. ISBN 978-84-690-4503-9
Type of production: Book
Ranking among the total: 2
- 57** a wasilewska; e menasalvas. A classification model: Syntax and semantics for classification. ROUGH SETS, FUZZY SETS, DATA MINING, AND GRANULAR COMPUTING, PT 2, PROCEEDINGS. 3642 - null, pp. 59 - 68. 05/2005. ISSN 0302-9743
Type of production: Article
Ranking among the total: 2
Index measuring impact: 0,302
- 58** s eibe; r del saz; Maria Covadonga Fernandez Baizan; o marban; e menasalvas; c perez. Financial risk prediction using Rough Sets tools: A case study. ROUGH SETS, FUZZY SETS, DATA MINING, AND GRANULAR COMPUTING, PT 2, PROCEEDINGS. 3642 - null, pp. 495 - 502. 05/2005. ISSN 0302-9743
Type of production: Article
Ranking among the total: 5
Index measuring impact: 0,302
- 59** o cubo; v robes; j segovia; e menasalvas. Using genetic algorithms to improve accuracy of economical indexes prediction. ADVANCES IN INTELLIGENT DATA ANALYSIS VI, PROCEEDINGS. 3646 - null, pp. 57 - 65. 05/2005. ISSN 0302-9743
Type of production: Article
Ranking among the total: 4
Index measuring impact: 0,402
- 60** me zorrilla; e menasalvas; d marin; e mora; j segovia. Web usage mining project for improving Web-based learning sites. COMPUTER AIDED SYSTEMS THEORY - EUROCAST 2005. 3643 - null, pp. 205 - 210. 05/2005. ISSN 0302-9743
Type of production: Article
Ranking among the total: 2
Index measuring impact: 0,402

- 61** e menasalvas; s millan; Maria de los Santos Perez Hernandez; e hochsztain; a tasistro. An approach to estimate the value of user sessions using multiple viewpoints and goals. WEB MINING: FROM WEB TO SEMANTIC WEB. 3209 - null, pp. 164 - 180. 05/2004. ISSN 0302-9743
Type of production: Article
Ranking among the total: 1
Index measuring impact: 0,513
- 62** v robes; p larranaga; Jose Maria Peña Sanchez; e menasalvas; Maria de los Santos Perez Hernandez; v herves; a wasilewska. Bayesian network multi-classifiers for protein secondary structure prediction. ARTIFICIAL INTELLIGENCE IN MEDICINE. 31 - 2, pp. 117 - 136. 05/2004. ISSN 0933-3657
Type of production: Article
Ranking among the total: 4
Index measuring impact: 1,124
- 63** p larranaga; e menasalvas; Jose Maria Peña Sanchez. Data mining in genomics and proteomics. ARTIFICIAL INTELLIGENCE IN MEDICINE. 31 - 2, pp. III - IV. 05/2004. ISSN 0933-3657
Type of production: Article
Ranking among the total: 2
Index measuring impact: 1,124
- 64** e menasalvas; s millan; Jose Maria Peña Sanchez; m hadjimichael; o maran. Subsessions: A granular approach to click path analysis. INTERNATIONAL JOURNAL OF INTELLIGENT SYSTEMS. 19 - 7, pp. 619 - 637. 05/2004. ISSN 0884-8173
Type of production: Article
Ranking among the total: 1
Index measuring impact: 0,603
- 65** e menasalvas; s millan; p gonzalez. Using Markov models to define proactive action plans for users at multi-viewpoint websites. ROUGH SETS AND CURRENT TRENDS IN COMPUTING. 3066 - null, pp. 752 - 761. 05/2004. ISSN 0302-9743
Type of production: Article
Ranking among the total: 1
Index measuring impact: 0,251
- 66** Ernestina Menasalvas Ruiz; Victor Robles Forcada; Pedro Maria Larrañaga Mugica. Bayesian Networks As Consensus Voting System in the Construction of A Multiclassifier For Protein Secondary Structure Prediction. ARTIFICIAL INTELLIGENCE IN MEDICINE. pp. 12 - 24. 01/2004. ISSN 0933-3657
Type of production: Article
Ranking among the total: 1
Index measuring impact: 1,645
- 67** e hochsztain; s millan; b pardo; Jose Maria Peña Sanchez; e menasalvas. A framework to integrate business goals in Web usage mining. ADVANCES IN WEB INTELLIGENCE. 2663 - null, pp. 28 - 36. 05/2003. ISSN 0302-9743
Type of production: Article
Ranking among the total: 5
Index measuring impact: 0
- 68** v robes; p larranaga; Jose Maria Peña Sanchez; e menasalvas; Maria de los Santos Perez Hernandez. Interval estimation naive Bayes. ADVANCES IN INTELLIGENT DATA ANALYSIS V. 2810 - null, pp. 143 - 154. 05/2003. ISSN 0302-9743
Type of production: Article



Ranking among the total: 4
Index measuring impact: 0

- 69** v robes; p larranaga; Jose Maria Peña Sanchez; Maria de los Santos Perez Hernandez; e menasalvas; v herves. Learning semi naive Bayes structures by estimation of distribution algorithms. PROGRESS IN ARTIFICIAL INTELLIGENCE. 2902 - null, pp. 244 - 258. 05/2003. ISSN 0302-9743

Type of production: Article
Ranking among the total: 5
Index measuring impact: 0

- 70** k leal; j herrera; Jose Maria Peña Sanchez; e menasalvas. MOIRAE - An innovative component architecture with distributed control features. COMPUTATIONAL SCIENCE - ICCS 2003, PT II, PROCEEDINGS. 2658 - null, pp. 1069 - 1078. 05/2003. ISSN 0302-9743

Type of production: Article
Ranking among the total: 4
Index measuring impact: 0

- 71** Oscar Marban Gallego; Ernestina Menasalvas Ruiz. Extract navigator profiles from log files using data mining (web mining). Universidad Carlos III de Madrid, 2003.

Type of production: Technical report
Ranking among the total: 2

- 72** e hochsztain; s millan; e menasalvas. A granular approach for analyzing the degree of affability of a web site. ROUGH SETS AND CURRENT TRENDS IN COMPUTING, PROCEEDINGS. 2475 - null, pp. 479 - 486. 05/2002. ISSN 0302-9743

Type of production: Article
Ranking among the total: 3
Index measuring impact: 0,515

- 73** Oscar Marban Gallego; Ernestina Menasalvas Ruiz; Fco.Javier Segovia Perez. Application of genetic programming techniques to medical diagnosis. Journal of applied computer science. 10 - null, pp. 77 - 87. 05/2002. ISSN 1507-0360

Type of production: Article
Ranking among the total: 2

- 74** jf martinez; a wasilewska; m hadjimichael; Maria Covadonga Fernandez Baizan; e menasalvas. Extension of relational management systems with data mining capabilities. ROUGH SETS AND CURRENT TRENDS IN COMPUTING, PROCEEDINGS. 2475 - null, pp. 421 - 424. 05/2002. ISSN 0302-9743

Type of production: Article
Ranking among the total: 5
Index measuring impact: 0,515

- 75** Oscar Marban Gallego; Ernestina Menasalvas Ruiz; Cesar Montes; Fco.Javier Segovia Perez; John RajaKulendran. CRM in e-business: a client's life cycle model based on a neural network. e-commerce and intelligent methods. 61-77, Physica-Verlag, 2002. ISBN 3-7908-1499-7

Type of production: Chapters of books
Ranking among the total: 2

- 76** Ernestina Menasalvas Ruiz; Oscar Marban Gallego; Socorro Millán; Jose Maria Peña Sanchez. Intelligent web mining. Intelligent exploration of the web. 363-388, 2002. ISBN 3-7908-1529-2

Type of production: Chapters of books
Ranking among the total: 1

- 77** Maria Covadonga Fernandez Baizan; Ernestina Menasalvas Ruiz; Oscar Marban Gallego; Jose Maria Peña Sanchez; Socorro Millán. Minimal decision rules based on the apriori algorithm. International Journal of Applied Mathematics And Computer Science. 11 - null, pp. 691 - 704. 05/2001. ISSN 1641-876X
Type of production: Article
Ranking among the total: 2
- 78** m millan; mc fernandez-baizan; em ruiz; rp baeza. Multivalued dependencies as inference rules on a deductive process under a relational data model set-theory approach. COMPUTERS AND ARTIFICIAL INTELLIGENCE. 19 - 2, pp. 131 - 145. 05/2000. ISSN 0232-0274
Type of production: Article
Ranking among the total: 3
Index measuring impact: 0,069
- 79** mc fernandez-baizan; em ruiz; jmp sanchez; s millan; e mesa. Rough dependencies as a particular case of correlation: Application to the calculation of approximative reducts. PRINCIPLES OF DATA MINING AND KNOWLEDGE DISCOVERY. 1704 - null, pp. 335 - 340. 05/1999. ISSN 0302-9743
Type of production: Article
Ranking among the total: 2
Index measuring impact: 0,515

Work presented in conferences at the national or international level

- 1** **Title:** Mars: a personalised mobile activity recognition system
Name of the conference: IEEE 13th International Conference on Mobile Data Management (MDM), 2012
Your role: Speaker
Date of the event: 23/07/2012
City: india,
Joao Bartolo Gomes; Shonali Krishnaswamy; Mohamed Medhat Gaber; Pedro Sousa; Ernestina Menasalvas Ruiz. "13th International Conference on Mobile Data Management".pp. 316 - 319. ISBN 978-0-7695-4713-8
- 2** **Title:** Context-Aware Collaborative Data Stream Mining in Ubiquitous Devices
Name of the conference: International Data Analysis (IDA 2011)
Your role: Speaker
Date of the event: 29/10/2011
City: Oporto-Portugal,
Ernestina Menasalvas Ruiz; Joao Gomes; Mohamed Medhad Gaber; Pedro Sousa. "ADVANCES IN INTELLIGENT DATA ANALYSIS X Lecture Notes in Computer Science, 2011, Volume 7014/2011, 22-33, DOI: 10.1007/978-3-642-24800-9_5".pp. 22 - 33.
- 3** **Title:** Autonomous Adaptive Data Mining for u-Healthcare
Name of the conference: 5th International Conference, RSKT 2010
Your role: Speaker
Date of the event: 15/10/2010
City: Beijing, China,
Santiago Eibe Garcia; Andrea Zanda .; Ernestina Menasalvas Ruiz. "Rough Set and Knowledge Technology Lecture Notes in Computer Science, 2010, Volume 6401/2010".pp. 433 - 438. ISBN 978-3-642-16248-0



- 4** **Title:** Context-Aware Stream Ensemble for Ubiquitous Environments
Your role: Speaker
Date of the event: 15/10/2010
City: Lisbon, Portugal, August 16 - 20, 2010.,
Santiago Eibe Garcia; Ernestina Menasalvas Ruiz. "RSKT'10 Proceedings of the 5th international conference on Rough set and knowledge technology Springer-Verlag Berlin, Heidelberg ©2010".pp. 234 - 239. ISBN 3-642-16247-9 978-3-642-16247-3
- 5** **Title:** Bayesian Networks to Predict Data Mining Algorithm Behavior in Ubiquitous Environments
Name of the conference: MUSE`10 (Workshop in ECML/PKDD¿10)
Your role: Speaker
Date of the event: 20/09/2010
City: Barcelona,
Aysegul Cayci; Ernestina Menasalvas Ruiz; Santiago Eibe Garcia; Yucel Saygin. "MUSE ECML/PKDD¿10".pp. 20 - 30. ISBN 978-3-642-15879-7
- 6** **Title:** Adapting Batch Learning Algorithms Execution in Ubiquitous Devices
Name of the conference: 2010 Eleventh International Conference on Mobile Data Management
Your role: Speaker
Date of the event: 23/05/2010
City: Kansas City, Missouri, USA,
Santiago Eibe Garcia; Andrea Zanda .; Ernestina Menasalvas Ruiz. "Eleventh International Conference on Mobile Data Management".pp. 227 - 229. ISBN 978-0-7695-4048-1
- 7** **Title:** Approach for Discovering and Tracking Local Web Search Trends
Name of the conference: LA-WEB: 2009 LATIN AMERICAN WEB CONGRESS
Your role: Speaker
Date of the event: 09/11/2009
City: Merida, MEXICO,
Santiago Eibe Garcia; María Cecilia Valencia Peláez; Ernestina Menasalvas Ruiz. "Approach for Discovering and Tracking Local Web Search Trends".pp. 201 - 206. ISBN 978-3-540-72574-9
- 8** **Title:** Automated Constraint Selection for Semi-Supervised Clustering Algorithm
Name of the conference: CAEPIA-TTIA 2009
Your role: Speaker
Date of the event: 09/11/2009
City: Sevilla,
Ernestina Menasalvas Ruiz. "CAEPIA 2009, LNAI 5988".pp. 151 - 160.
- 9** **Title:** Situation-Aware Data Mining Service for Ubiquitous Environments
Name of the conference: 2009 Third International Conference on Mobile Ubiquitous Computing, Systems, Services and Technologies
Your role: Speaker
Date of the event: 11/10/2009
City: Sliema, Malta,
Ernestina Menasalvas Ruiz; Santiago Eibe Garcia. "The Third International Conference on Mobile Ubiquitous Computing, Systems, Services and Technologies. UBICOMM. Jaime Lloret Mauri, Joseph A. Meloche, Sergey Balandin, Malohat Ibrohimova, Junya Nakata Editors. Published by IEEE Computer Science".pp. 135 - 141. ISBN 978-0-7695-3834-1



- 10** **Title:** C-DenStream: Using Domain Knowledge on a Data Stream
Name of the conference: Discovery Science 09
Your role: Speaker
Date of the event: 03/10/2009
City: Oporto,
Ernestina Menasalvas Ruiz. "Lecture Notes in Computer Science".pp. 287 - 301. ISBN 0302-9743
- 11** **Title:** Definition of a Metadata Schema for Describing Data Preparation Tasks
Name of the conference: Third Generation Data Mining: Towards Service-oriented Knowledge Discovery Workshop at ECML PKDD 2009
Your role: Speaker
Date of the event: 07/09/2009
City: Bled, Slovenia,
Santiago Eibe Garcia; Ernestina Menasalvas Ruiz; Miguel Ángel Hidalgo Reyes. "Definition of a Metadata Schema for Describing Data Preparation Tasks".pp. 64 - 73. ISBN 978-3-642-04173-0
- 12** **Title:** An Engineering Approach to Data Mining Projects
Name of the conference: Intelligent Data Engineering and Automated Learning - IDEAL 2007
Your role: Speaker
Date of the event: 16/12/2007
City: Birmingham,
Gonzalo Mariscal Vivas; Oscar Marban Gallego; Ernestina Menasalvas Ruiz; Fco.Javier Segovia Perez. ISBN 978-3-540-77225-5
- 13** **Title:** C-DBSCAN: Density-Based Clustering with Constraints
Name of the conference: Rough Sets, Fuzzy Sets, Data Mining and Granular Computing
Your role: Speaker
Date of the event: 14/05/2007
City: Toronto,
Myra Spiliopolou; Ernestina Menasalvas Ruiz; Carlos Ruiz. ISBN 978-3-540-72529
- 14** **Title:** Ubiquitous Evaluation of Kdd Results: A Visual Framework
Name of the conference: The Workshop on Ubiquitous Knowledge Discovery for Users / ECML PKDD 2006
Your role: Speaker
Date of the event: 18/09/2006
City: Berlin, Alemania,
Ernestina Menasalvas Ruiz; Santiago Eibe Garcia; Miguel Ángel Hidalgo Reyes. "UBIQUITOUS EVALUATION OF KDD RESULTS: A VISUAL FRAMEWORK".pp. 25 - 36. ISBN 0302-9743
- 15** **Title:** Financial risk prediction using Rough Sets tools: A case study
Name of the conference: 10th International Conference on Rough Sets, Fuzzy Sets, Data Mining and Granular Computing (RSFDGrC 2005)
Your role: Speaker
Date of the event: 31/08/2005
City: Univ Regina, Regina, CANADA,
Oscar Marban Gallego; Maria Covadonga Fernandez Baizan; Santiago Eibe Garcia; Ernestina Menasalvas Ruiz. "ROUGH SETS, FUZZY SETS, DATA MINING, AND GRANULAR COMPUTING, PT 2, PROCEEDINGS LNAI".pp. 495 - 502. ISBN 0302-9743



- 16** **Title:** Learning recurring concepts from data streams with a context-aware ensemble
Your role: Speaker
Ernestina Menasalvas Ruiz.
- 17** **Title:** Improving the learning of recurring concepts through High-Level Fuzzy Context
Your role: Speaker
Ernestina Menasalvas Ruiz.
- 18** **Title:** titulo de la ponencia
Your role: Speaker
Ernestina Menasalvas Ruiz.
- 19** **Title:** AN INTEGRATED WEB-QUERY CLASSIFICATION APPROACH BASED ON ROUGH SETS
Name of the conference: ECML/PKDD
Your role: Speaker
City: Varsovia, Polonia,
María Cecilia Valencia Peláez; Ernestina Menasalvas Ruiz; Santiago Eibe Garcia.
- 20** **Title:** Towards User Context Enhance Search Engine Logs Mining
Name of the conference: AWIC 2007
Your role: Speaker
City: Fontainebleau, France,
Ernestina Menasalvas Ruiz; Santiago Eibe Garcia; María Cecilia Valencia Peláez.

Experiences transferred

Experience organising R&D activities

- 1** **Title:** III Seminario taller Proyectar la Memoria
Type of activity: Responsabilidades en la organización de eventos
City of the publishing body: najera,
Start date: 10/03/2014
- 2** **Title:** Revisor de la revista Frontiers in Neuroanatomy
Type of activity: Responsabilidades en la evaluación de proyectos internacionales

**C****V****N**

CURRÍCULUM VITAE NORMALIZADO

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Other credits

Residencies in R&D&I centres or companies in your own country or abroad

1 **City:** Campus, de Chillán (Chile),
Start date: 30/10/2015

Duration: 14 days

2 **City:** Campus, de Chillán (Chile),
Start date: 01/11/2014

Duration: 21 days

Number of recognised research periods

Number of recognised research periods: 3

Issuing body: Universidad Politécnica de Madrid

City: Madrid, Community of Madrid, Spain

Type of body: University