



Roberto Rodríguez Echeverría

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Summary of CV

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

Roberto Rodríguez-Echeverría, PhD, is member of the Quercus Software Engineering Group and assistant professor of Computer Languages and Systems at the University of Extremadura (Spain). His research areas include Software Engineering, Web Engineering, Model-driven Engineering, Legacy Software Modernization, Data Science, and Open Data. He has published more than 50 scientific publications in journals and international conferences. He possesses management and budget administration skills because he has been the principal investigator in several R&D&I contracts and one competitive regional R&D project. Furthermore, he is very concerned about the relevance of research transference to industry and has participated in many R&D and Innovation contracts. Finally, since 2021, he is the Head of the Technological Institute for Applied Informatics of Extremadura.



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.

Highlights since Jan. 2012

- Six-year research periods recognition (sexenios): 1 (2011-2016) by Comisión Nacional de Evaluación de la Actividad Investigadora (CNEAI).
- Six-year research transference periods recognition (sexenios de transferencia): 1 (2007-2017) by CNEAI.
- JCR indexed publications: 7 (Q1); 4 (Q2); 7 (Q3); 7 (Q4)
- International conferences with peer review: 15 indexed (6 high impact)
- Certification, Profesor titular universidad (ANECA): October 2019
- Principal Investigator of a competitive regional R&D project
- Research member of competitive R&D projects: 2 European Projects and 2 National Projects
- Participation in 9 R&D and Innovation contracts (~€415K), 3 as principal investigator (€92K).
- National patents: 1.

**Roberto Rodríguez Echeverría**

Surname(s): **Rodríguez Echeverría**
 Name: **Roberto**
 DNI: **[REDACTED]**
 ORCID: **0000-0002-6545-0913**
 ScopusID: **35100947600**
 ResearcherID: **B-4964-2014**
 Date of birth: **[REDACTED]**
 Gender: **Male**
 Nationality: **Spain**
 Country of birth: **Spain**
 Aut. region/reg. of birth: **Community of Madrid**
 Contact province: **Cáceres**
 City of birth: **Madrid**
 Contact address: **Av. Universidad s/n. Escuela Politécnica**
 Postcode: **10003**
 Contact country: **Spain**
 Contact aut. region/reg.: **Extremadura**
 Contact city: **Cáceres**
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Current professional situation

Employing entity: Universidad de Extremadura
Department: Departamento de Ingeniería de Sistemas Informáticos y Telemáticos, Escuela Politécnica
Professional category: Titular de Universidad (Professor)
Start date: 09/09/2021
Type of contract: Civil servant **Dedication regime:** Full time
Primary (UNESCO code): 330000 - Technological Science.
Secondary (UNESCO code): 330400 - Computer technology

Previous positions and activities

	Employing entity	Professional category	Start date
1	Universidad de Extremadura	Profesor Contratado Doctor	01/03/2016
2	Universidad de Extremadura	Profesor Colaborador	22/12/2004
3	Universidad de Extremadura	Profesor Ayudante	15/10/2003
4	Universidad de Extremadura	Titular de Escuela Universitaria Interino	23/01/2003
5	Departamento de Informática. Universidad de Extremadura	Becario de Investigación FPI	01/11/2002
6	Universidad de Extremadura	Profesor Asociado Tiempo Parcial	26/03/2002
7	Universidad de Extremadura	Profesor Asociado Tiempo Parcial	04/04/2001

	Employing entity	Professional category	Start date
8	Teleserver Extremadura, S.L.L.;	Analista/Programador	01/10/1999
9	Departamento de Informática. Universidad de Extremadura	Becario de Colaboración	01/04/1999

- 1** **Employing entity:** Universidad de Extremadura **Type of entity:** University
Department: Departamento de Ingeniería de Sistemas Informáticos y Telemáticos, Escuela Politécnica
City employing entity: Cáceres, Extremadura, Spain
Professional category: Profesor Contratado Doctor
Start-End date: 01/03/2016 - 08/09/2021 **Duration:** 4 years - 5 months - 9 days
Dedication regime: Full time
- 2** **Employing entity:** Universidad de Extremadura **Type of entity:** University
Department: Departamento de Ingeniería de Sistemas Informáticos y Telemáticos, Escuela Politécnica
City employing entity: Cáceres, Extremadura, Spain
Professional category: Profesor Colaborador
Start-End date: 22/12/2004 - 29/02/2016 **Duration:** 11 years - 2 months
Dedication regime: Full time
- 3** **Employing entity:** Universidad de Extremadura **Type of entity:** University
Professional category: Profesor Ayudante
Start-End date: 15/10/2003 - 21/12/2004
- 4** **Employing entity:** Universidad de Extremadura **Type of entity:** University
Professional category: Titular de Escuela Universitaria Interino
Start-End date: 23/01/2003 - 14/10/2003
- 5** **Employing entity:** Departamento de Informática. Universidad de Extremadura **Type of entity:** University
Professional category: Becario de Investigación FPI
Start-End date: 01/11/2002 - 25/01/2003 **Duration:** 3 months
- 6** **Employing entity:** Universidad de Extremadura **Type of entity:** University
Professional category: Profesor Asociado Tiempo Parcial
Start-End date: 26/03/2002 - 30/09/2002
- 7** **Employing entity:** Universidad de Extremadura **Type of entity:** University
Professional category: Profesor Asociado Tiempo Parcial
Start-End date: 04/04/2001 - 25/03/2002
- 8** **Employing entity:** Teleserver Extremadura, S.L.L.;

Type of entity: Business

Professional category: Analista/Programador

Start-End date: 01/10/1999 - 30/09/2001 **Duration:** 2 years
- 9** **Employing entity:** Departamento de Informática. Universidad de Extremadura **Type of entity:** University
Professional category: Becario de Colaboración



CURRÍCULUM VITAE NORMALIZADO

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Start-End date: 01/04/1999 - 31/07/1999

Duration: 3 months



Education

University education

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

- 1** **University degree:** Higher degree
Name of qualification: Máster en Educación y TIC (e-learning)
Degree awarding entity: Universitat Oberta de Catalunya **Type of entity:** University
Date of qualification: 15/02/2012
Standardised degree: Yes
- 2** **University degree:** Higher degree
Name of qualification: Ingeniero en Informática
Degree awarding entity: Universidad de Extremadura
Date of qualification: 27/10/2000
Standardised degree: Yes

Doctorates

Doctorate programme: Lenguajes y Arquitecturas en Sistemas Informáticos
Degree awarding entity: Universidad de Extremadura **Type of entity:** University
Date of degree: 27/01/2014

Other postgraduate university studies

- 1** **Type of education:** Postgraduate
Postgraduate qualification: Introducción Práctica al Desarrollo Dirigido por Modelos
Degree awarding entity: Universidad Politécnica de Cartagena **Type of entity:** University
Date of qualification: 25/07/2011
- 2** **Type of education:** Masters
Postgraduate qualification: Máster en Formación Y Docencia Universitaria en el EEES
Degree awarding entity: Universidad de Extremadura **Type of entity:** University
Date of qualification: 27/04/2011
- 3** **Type of education:** Specialism
Postgraduate qualification: Sensoria Summer School
City degree awarding entity: Budapest, Hungary
Degree awarding entity: University of Technology and Economics **Type of entity:** University



Faculty, institute or centre: Faculty of Electric Engineering and Informatics

Date of qualification: 03/07/2009

4 Postgraduate qualification: The Semantic Web: Vision, Status and Applications

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

Faculty, institute or centre: Facultad de Informática

Date of qualification: 2008

5 Type of education: Specialism

Postgraduate qualification: Software Libre en una Sociedad Globalmente Mercantilizada

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

Date of qualification: 25/07/2003

6 Type of education: Postgraduate

Postgraduate qualification: Programación con Hilos POSIX

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

Faculty, institute or centre: Escuela Politécnica

Date of qualification: 23/12/1999

7 Type of education: Postgraduate

Postgraduate qualification: Programación en ORACLE: PLSQL y SQLFORMS

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

Faculty, institute or centre: Escuela Politécnica

Date of qualification: 09/11/1998

8 Type of education: Postgraduate

Postgraduate qualification: Introducción a la Programación en JAVA

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

Faculty, institute or centre: Escuela Politécnica

Date of qualification: 22/06/1998

9 Type of education: Postgraduate

Postgraduate qualification: Lenguaje de Programación C

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

Faculty, institute or centre: Escuela Politécnica

Date of qualification: 10/04/1996



Attended advanced, improvement and innovative teacher training and new technology courses and seminars focused on improving teaching

1 Title of course/seminar: INTRODUCCIÓN AL SOFTWARE NUMÉRICO PARA LA DOCENCIA Y LA INVESTIGACIÓN

Goals of the course/seminar: Introducción al lenguaje MATLAB/OCTAVE

Organising entity: Universidad de Extremadura **Type of entity:** University

Faculty, institute or centre: Servicio de Orientación y Formación Docente

Duration in hours: 20 hours

Start-End date: 14/03/2016 - 12/04/2016

2 Title of course/seminar: TEACHING THROUGH A FOREIGN LANGUAGE IN UNIVERSITY LECTURES: CHALLENGES AND SOLUTIONS

Goals of the course/seminar: Use of English for teaching at university courses

Organising entity: Universidad de Extremadura **Type of entity:** University

Faculty, institute or centre: Servicio de Orientación y Formación Docente

Duration in hours: 8 hours

Start-End date: 01/02/2016 - 02/02/2016

3 Title of course/seminar: Activos para la Salud y el Bienestar en la Universidad Saludable

Goals of the course/seminar: Fomentar hábitos de vida saludable en el entorno universitario

Organising entity: Universidad de Extremadura **Type of entity:** University

Faculty, institute or centre: Servicio de Orientación y Formación Docente

Duration in hours: 14 hours

Start-End date: 25/01/2016 - 27/01/2016

4 Title of course/seminar: Introducción a la Inferencia Estadística

Goals of the course/seminar: Aplicar la inferencia estadística en la investigación

Organising entity: Universidad de Extremadura **Type of entity:** University

Faculty, institute or centre: Servicio de Orientación y Formación Docente

Duration in hours: 28 hours

Start-End date: 02/02/2011 - 10/02/2011

5 Title of course/seminar: Taller de inglés académico (nivel intermedio)

Goals of the course/seminar: El desarrollo del inglés

Organising entity: Universidad de Extremadura **Type of entity:** University

Faculty, institute or centre: Servicio de Orientación y Formación Docente

Duration in hours: 40 hours

Start-End date: 01/10/2010 - 04/02/2011

6 Title of course/seminar: Sistemas de Garantía de Calidad en las Universidades

Goals of the course/seminar: Conocer la organización y responsabilidad de los SIGC

Organising entity: Universidad de Extremadura **Type of entity:** University

Faculty, institute or centre: Servicio de Orientación y Formación Docente

Duration in hours: 30 hours

Start-End date: 30/11/2010 - 20/12/2010



- 7** **Title of course/seminar:** Introducción al Análisis Estadístico Aplicado con SPSS
Goals of the course/seminar: Principales herramientas estadísticas de análisis y su uso en SPSS
Organising entity: Universidad de Extremadura **Type of entity:** University
Faculty, institute or centre: Servicio de Orientación y Formación Docente
Duration in hours: 30 hours
Start-End date: 13/12/2010 - 17/12/2010
- 8** **Title of course/seminar:** Uso y explotación de los recursos electrónicos desde el Catálogo en Línea
Goals of the course/seminar: Conocer el servicio de catálogo de la biblioteca
Organising entity: Universidad de Extremadura **Type of entity:** University
Faculty, institute or centre: Servicio de Orientación y Formación Docente
Duration in hours: 4 hours
Start-End date: 25/11/2010 - 25/11/2010
- 9** **Title of course/seminar:** Introducción a la Modelización Estructural
Goals of the course/seminar: Modelización Estructural como método estadístico para la investigación
Organising entity: Universidad de Extremadura **Type of entity:** University
Faculty, institute or centre: Servicio de Orientación y Formación Docente
Duration in hours: 28 hours
Start-End date: 15/11/2010 - 18/11/2010
- 10** **Title of course/seminar:** Diseño y Elaboración de un Curso Virtual con Moodle
Goals of the course/seminar: Funcionalidades de Moodle para el desarrollo de actividades de aprendizaje
Organising entity: Universidad de Extremadura **Type of entity:** University
Faculty, institute or centre: Servicio de Orientación y Formación Docente
Duration in hours: 34 hours
Start-End date: 23/06/2010 - 06/07/2010
- 11** **Title of course/seminar:** Elaboración y edición de textos académicos con el procesador de documentos LyX (Latex)
Goals of the course/seminar: Conocer el editor LyX para el lenguaje Latex
Organising entity: Universidad de Extremadura **Type of entity:** University
Faculty, institute or centre: Servicio de Orientación y Formación Docente
Duration in hours: 30 hours
Start-End date: 09/06/2010 - 28/06/2010
- 12** **Title of course/seminar:** Técnicas de Evaluación de Aprendizaje con OpenOffice.org Calc
Goals of the course/seminar: Conocimiento avanzado de la herramienta para su aplicación en la evaluación
Organising entity: Universidad de Extremadura **Type of entity:** University
Faculty, institute or centre: Servicio de Orientación y Formación Docente
Duration in hours: 30 hours
Start-End date: 01/06/2010 - 28/06/2010
- 13** **Title of course/seminar:** Elaboración de Textos Académicos y Científicos con OpenOffice.org Writer
Goals of the course/seminar: Conocimiento básico de la herramienta
Organising entity: Universidad de Extremadura **Type of entity:** University
Faculty, institute or centre: Servicio de Orientación y Formación Docente
Duration in hours: 30 hours
Start-End date: 10/05/2010 - 10/06/2010



- 14** **Title of course/seminar:** Introducción al Estudio de Casos como Método de Enseñaza
Goals of the course/seminar: Conocer cómo aplicar el estudio de casos en la docencia universitaria
Organising entity: Universidad de Extremadura **Type of entity:** University
Faculty, institute or centre: Servicio de Orientación y Formación Docente
Duration in hours: 8 hours
Start-End date: 24/02/2010 - 25/02/2010
- 15** **Title of course/seminar:** Aspectos Didácticos para la Elaboración de Cursos en Moodle
Goals of the course/seminar: Aprender el uso básico de Moodle para el apoyo a la docencia presencial
Organising entity: Universidad de Extremadura **Type of entity:** University
Faculty, institute or centre: Servicio de Orientación y Formación Docente
Duration in hours: 30 hours
Start-End date: 01/02/2010 - 09/02/2010
- 16** **Title of course/seminar:** Diseño web para la docencia universitaria (básico)
Goals of the course/seminar: Conceptos básicos de la edición de páginas web
Organising entity: Universidad de Extremadura **Type of entity:** University
Faculty, institute or centre: Servicio de Orientación y Formación Docente
Duration in hours: 30 hours
Start-End date: 12/01/2010 - 19/01/2010
- 17** **Title of course/seminar:** Preparación del Profesorado en Nuevas Metodologías Didácticas para el Espacio Europeo de Educación Superior
Goals of the course/seminar: Metodologías de aprendizaje participativo
Organising entity: Universidad de Extremadura **Type of entity:** University
Faculty, institute or centre: Servicio de Orientación y Formación Docente
Duration in hours: 50 hours
Start-End date: 26/11/2009 - 16/12/2009
- 18** **Title of course/seminar:** Presentaciones Multimedia para la Docencia Universitaria con OpenOffice.org Impress
Goals of the course/seminar: Conocimiento básico de la herramienta
Organising entity: Universidad de Extremadura **Type of entity:** University
Faculty, institute or centre: Servicio de Orientación y Formación Docente
Duration in hours: 30 hours
Start-End date: 03/11/2009 - 21/11/2009
- 19** **Title of course/seminar:** La Reforma en Marcha: Nuevos Planes de Estudio
Goals of the course/seminar: Conocer las características de los planes de estudio del EEER
Organising entity: Universidad de Extremadura **Type of entity:** University
Faculty, institute or centre: Servicio de Orientación y Formación Docente
Duration in hours: 16 hours
Start-End date: 15/06/2009 - 16/06/2009
- 20** **Title of course/seminar:** Estrategias Metodológicas en la Enseñanza Universitaria: Aprendizaje Cooperativo y Colaborativo
Goals of the course/seminar: Conocer metodologías de aprendizaje participativas en grupo
Organising entity: Universidad de Extremadura **Type of entity:** University
Faculty, institute or centre: Servicio de Orientación y Formación Docente
Duration in hours: 16 hours
Start-End date: 09/03/2009 - 12/03/2009



- 21** **Title of course/seminar:** Formación de profesores-tutores en el Espacio Europeo de Educación Superior I
Goals of the course/seminar: Conocer las nuevas competencias del profesorado en el EEES
Organising entity: Universidad de Extremadura **Type of entity:** University
Faculty, institute or centre: Servicio de Orientación y Formación Docente
Duration in hours: 50 hours
Start-End date: 20/06/2006 - 30/11/2006
- 22** **Title of course/seminar:** El uso del Inglés Académico en ponencias y clases universitarias (Básico)
Goals of the course/seminar: Conocer estructura de una ponencia en inglés, la argumentación y el discurso.
Organising entity: Universidad de Extremadura **Type of entity:** University
Faculty, institute or centre: Servicio de Orientación y Formación Docente
Duration in hours: 18 hours
Start-End date: 31/01/2005 - 02/02/2005
- 23** **Title of course/seminar:** Formación de profesores para la docencia universitaria
Goals of the course/seminar: Adquirir las competencias fundamentales para la docencia universitaria
Organising entity: Universidad de Extremadura **Type of entity:** University
Faculty, institute or centre: Instituto de Ciencias de la Educación
Duration in hours: 100 hours
Start-End date: 01/10/2002 - 31/05/2003
- 24** **Title of course/seminar:** Prevención de Disfonías en Profesionales de la Voz
Goals of the course/seminar: Evitar enfermedades y patologías derivadas del mal uso de la voz durante tiempos prolongados.
Organising entity: Universidad de Extremadura **Type of entity:** University
Faculty, institute or centre: Instituto de Ciencias de la Educación
Duration in hours: 20 hours
Start-End date: 01/03/2003 - 05/03/2003
- 25** **Title of course/seminar:** Introducción al Inglés Académico: Redacción de Artículos de Investigación
Goals of the course/seminar: Conocer estructuras, vocabulario y discurso en inglés adecuado para los artículos de investigación en áreas de conocimiento relacionadas con la Informática
Organising entity: Universidad de Extremadura **Type of entity:** University
Faculty, institute or centre: Instituto de Ciencias de la Educación
Duration in hours: 25 hours
Start-End date: 01/02/2003 - 05/02/2003

Language skills

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



Teaching experience

General teaching experience

- 1** **Type of teaching:** Official teaching
Name of the course: Desarrollo de Programas
Professional category: Profesor Contratado Doctor
Type of programme: Bachelor's degree **Type of teaching:** Laboratory work
Type of subject: Obligatory
Assessment type: Internal assessment
University degree: Graduado o Graduada en Ingeniería en Informática
Frequency of the activity: 2
Start date: 2019 **End date:** 2021
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 95
Entity: Universidad de Extremadura **Type of entity:** University
Faculty, institute or centre: Escuela Politécnica
Department: Departamento de Sistemas Informáticos y Telemáticos
City of entity: Cáceres, Extremadura, Spain
Assessment entity: Universidad de Extremadura
Assessment type: Internal assessment
Type of entity: University
Subject language: Spanish
- 2** **Type of teaching:** Official teaching
Name of the course: Arquitecturas Software en Entornos Empresariales
Professional category: Profesor Contratado Doctor
Type of programme: Bachelor's degree **Type of teaching:** In person theory
Type of subject: Obligatory
Assessment type: Internal assessment
University degree: Graduado o Graduada en Ingeniería en Informática
Frequency of the activity: 8
Start date: 2013 **End date:** 2021
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 95
Entity: Universidad de Extremadura **Type of entity:** University
Faculty, institute or centre: Escuela Politécnica
Department: Departamento de Sistemas Informáticos y Telemáticos
City of entity: Cáceres, Extremadura, Spain
Assessment entity: Universidad de Extremadura
Assessment type: Internal assessment
Type of entity: University
Mark obtained: 8,29 **Top mark possible:** 10
Subject language: Spanish



3 **Type of teaching:** Official teaching
Name of the course: Arquitecturas Software en Entornos Empresariales
Professional category: Profesor Contratado Doctor
Type of programme: Bachelor's degree **Type of teaching:** In person theory
Type of subject: Obligatory
Assessment type: Internal assessment
University degree: Graduado o Graduada en Ingeniería en Informática
Frequency of the activity: 4
Start date: 2016 **End date:** 2020
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 95
Entity: Universidad de Extremadura **Type of entity:** University
Faculty, institute or centre: Escuela Politécnica
Department: Departamento de Sistemas Informáticos y Telemáticos
City of entity: Cáceres, Extremadura, Spain
Assessment entity: Universidad de Extremadura
Assessment type: Internal assessment
Type of entity: University
Mark obtained: 8,29 **Top mark possible:** 10
Subject language: English

4 **Name of the course:** Sistemas de Información en la Administración Pública
Professional category: Profesor Contratado Doctor
Type of programme: Bachelor's degree
University degree: Graduado o Graduada en Administración y Gestión Pública
Frequency of the activity: 2
Start date: 2015 **End date:** 2016
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 6
Entity: Universidad de Extremadura **Type of entity:** University
Faculty, institute or centre: Escuela Politécnica
Department: Departamento de Sistemas Informáticos y Telemáticos

5 **Type of teaching:** Official teaching
Name of the course: Tecnologías de la Información para el Servicio y el Emprendimiento
Professional category: Profesor Contratado Doctor
Type of programme: Master's degree **Type of teaching:** In person theory
Type of subject: Obligatory
University degree: Máster en Promoción de la Salud Mediante la Actividad Física
Frequency of the activity: 2
Start date: 2014 **End date:** 2016
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 2
Entity: Universidad de Extremadura **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias del Deporte
Department: Departamento de Sistemas Informáticos y Telemáticos
City of entity: Extremadura, Spain
Subject language: Spanish

- 6** **Name of the course:** Programación en Internet
Professional category: Profesor Contratado Doctor
Type of programme: Bachelor's degree
University degree: Graduado o Graduada en Ingeniería en Informática
Frequency of the activity: 3
Start date: 2012 **End date:** 2015
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 65
Entity: Universidad de Extremadura **Type of entity:** University
Faculty, institute or centre: Escuela Politécnica
Department: Departamento de Sistemas Informáticos y Telemáticos
- 7** **Name of the course:** Inteligencia Artificial e Ingeniería del Conocimiento
Professional category: Profesor Colaborador
Type of programme: Bachelor's degree
University degree: Graduado o Graduada en Ingeniería en Informática
Frequency of the activity: 2
Start date: 2011 **End date:** 2013
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 213
Entity: Universidad de Extremadura **Type of entity:** University
Faculty, institute or centre: Escuela Politécnica
Department: Departamento de Sistemas Informáticos y Telemáticos
- 8** **Name of the course:** Programación Declarativa
Professional category: Profesor Colaborador
Type of programme: Bachelor's degree
University degree: Graduado o Graduada en Ingeniería en Informática
Frequency of the activity: 3
Start date: 2011 **End date:** 2013
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 180
Entity: Universidad de Extremadura **Type of entity:** University
Faculty, institute or centre: Escuela Politécnica
Department: Departamento de Sistemas Informáticos y Telemáticos
- 9** **Type of teaching:** Official teaching
Name of the course: Tecnologías y Protocolos de la Comunicación
Professional category: Profesor Colaborador
Type of programme: Master's degree **Type of teaching:** In person theory
Type of subject: Obligatory
University degree: Máster Universitario en Informática
Frequency of the activity: 3
Start date: 2010 **End date:** 2011
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 95
Entity: Universidad de Extremadura **Type of entity:** University
Faculty, institute or centre: Escuela Politécnica
Department: Departamento de Sistemas Informáticos y Telemáticos
City of entity: Extremadura, Spain
Subject language: Spanish



- 10** **Name of the course:** Laboratorio de Programación II
Professional category: Profesor Colaborador
Type of programme: Bachelor's degree
University degree: Graduado o Graduada en Ingeniería en Informática
Frequency of the activity: 8
Start date: 2003 **End date:** 2011
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 150
Entity: Universidad de Extremadura **Type of entity:** University
Faculty, institute or centre: Escuela Politécnica
Department: Departamento de Sistemas Informáticos y Telemáticos
- 11** **Name of the course:** Elementos de Programación
Professional category: Profesor Colaborador
Type of programme: Bachelor's degree
University degree: Graduado o Graduada en Ingeniería en Informática
Frequency of the activity: 3
Start date: 2004 **End date:** 2006
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 90
Entity: Universidad de Extremadura **Type of entity:** University
Faculty, institute or centre: Escuela Politécnica
Department: Departamento de Sistemas Informáticos y Telemáticos
- 12** **Type of teaching:** Official teaching
Name of the course: Protocolos de Transmisión
Professional category: Profesor Asociado
Type of programme: Bachelor's degree
University degree: Graduado o Graduada en Ingeniería Técnica de Telecomunicación
Frequency of the activity: 1
Start date: 2003 **End date:** 2003
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 45
Entity: Universidad de Extremadura **Type of entity:** University
Faculty, institute or centre: Centro Universitario de Mérida
Department: Departamento de Informática
- 13** **Type of teaching:** Official teaching
Name of the course: Autopistas de la Información
Professional category: Profesor Asociado
Type of programme: Bachelor's degree
University degree: Graduado o Graduada en Ingeniería Técnica de Telecomunicación
Frequency of the activity: 3
Start date: 2001 **End date:** 2003
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 120
Entity: Universidad de Extremadura **Type of entity:** University
Faculty, institute or centre: Centro Universitario de Mérida
Department: Departamento de Informática



- 14** **Type of teaching:** Official teaching
Name of the course: Laboratorio de Tansmisión Digital
Professional category: Profesor Asociado
Type of programme: Bachelor's degree
University degree: Graduado o Graduada en Ingeniería Técnica de Telecomunicación
Frequency of the activity: 1
Start date: 2002 **End date:** 2002
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 45
Entity: Universidad de Extremadura **Type of entity:** University
Faculty, institute or centre: Centro Universitario de Mérida
Department: Departamento de Informática

Experience supervising doctoral thesis and/or final year projects

- 1** **Project title:** Análisis y evaluación práctica de Kotlin multiplataforma para el desarrollo de aplicaciones móviles
Type of project: End of course project
Entity: Universidad de Extremadura
City of entity: Cáceres, Extremadura, Spain
Student: Jaime Alcántara
Obtained qualification: Sobresaliente(9.5)
Date of reading: 2021
- 2** **Project title:** Reconocimiento de código fuente en texto manuscrito mediante técnicas de aprendizaje profundo
Type of project: End of course project
Entity: Universidad de Extremadura
City of entity: Cáceres, Extremadura, Spain
Student: Eric Ávila Escudero
Obtained qualification: Sobresaliente(9)
Date of reading: 2021
- 3** **Project title:** Desarrollo de sistema Web para la configuración de trabajos en la nube
Type of project: End of course project
Entity: Universidad de Extremadura
City of entity: Cáceres, Extremadura, Spain
Student: Gonzalo Jiménez Hinchado
Obtained qualification: Sobresaliente(9.5)
Date of reading: 2020
- 4** **Project title:** Sistema de creación de aplicaciones para fuentes de datos abiertos
Type of project: End of course project
Entity: Universidad de Extremadura
City of entity: Cáceres, Extremadura, Spain
Student: Jesús Fernando Meneses Pastor
Obtained qualification: Sobresaliente(9.5)
Date of reading: 2020
- 5** **Project title:** Aplicación de técnicas de aprendizaje profundo para la clasificación de documentos.
Type of project: End of course project
Entity: Universidad de Extremadura



City of entity: Cáceres, Extremadura, Spain
Student: Raúl Sierra Pajares
Obtained qualification: Matrícula de Honor(10)
Date of reading: 2019

6 **Project title:** DESARROLLO, DESPLIEGUE Y OPTIMIZACION DE SISTEMAS DE INFORMACION DIRIGIDOS POR GRANDES VOLÚMENES DE DATOS EN CLOUD

Type of project: End of course project
Entity: Universidad de Extremadura
City of entity: Cáceres, Extremadura, Spain
Student: Sergio Fernández Rincón
Obtained qualification: Matrícula de Honor(10)
Date of reading: 2019

7 **Project title:** Sistema de indexación de palabras clave e identificación de voz en señales de audio

Type of project: End of course project
Entity: Universidad de Extremadura
City of entity: Cáceres, Extremadura, Spain
Student: Pablo Macías Muñoz
Obtained qualification: Matrícula de Honor(10)
Date of reading: 2019

8 **Project title:** API para el Desarrollo de Servidores de Lenguajes de Modelado usando LSP

Type of project: End of course project
Entity: Universidad de Extremadura **Type of entity:** University
City of entity: Cáceres, Extremadura, Spain
Student: Adrián García
Obtained qualification: Sobresaliente (9)
Date of reading: 2018

9 **Project title:** Aprendizaje Profundo para Verificación Robusta de Identidad en Entornos Móviles

Type of project: End of course project
Entity: Universidad de Extremadura **Type of entity:** University
City of entity: Cáceres, Extremadura, Spain
Student: Roberto Rodríguez Rodríguez
Obtained qualification: Notable(8.5)
Date of reading: 2018

10 **Project title:** Refactorización de Aplicaciones Android usando Patrones de Arquitectura

Type of project: End of course project
Entity: Universidad de Extremadura
City of entity: Cáceres, Extremadura, Spain
Student: José Manuel Campón Toro
Obtained qualification: Matrícula de Honor(10)
Date of reading: 2018

11 **Project title:** Sistema de identificación y clasificación del uso de obras musicales a partir del procesamiento de señales de audio

Type of project: End of course project
Entity: Universidad de Extremadura
City of entity: Cáceres, Extremadura, Spain



Student: Jorge Perianez Pascual
Obtained qualification: Matrícula de Honor(10)
Date of reading: 2018

- 12** **Project title:** Una propuesta de automatización de operaciones CRUD en IFML
Type of project: End of course project
Entity: Universidad de Extremadura
City of entity: Cáceres, Extremadura, Spain
Student: Javier Sierra Blázquez
Obtained qualification: Matrícula de Honor(10)
Date of reading: 2017
- 13** **Project title:** Un sistema inverso de aprendizaje para Android
Entity: Universidad de Extremadura
City of entity: Cáceres, Extremadura, Spain
Student: Manuel Sánchez Mostazo
Obtained qualification: Sobresaliente(9)
Date of reading: 2017
- 14** **Project title:** Smartfidelity
Entity: Universidad de Extremadura
City of entity: Cáceres, Extremadura, Spain
Student: Adrián Pérez Mateos
Obtained qualification: Sobresaliente(9.5)
Date of reading: 2016
- 15** **Project title:** yourInstantApp: Sistema de creación de aplicaciones móviles basadas en Open Data
Entity: Universidad de Extremadura
City of entity: Cáceres, Extremadura, Spain
Student: Eneas Macías Machado
Obtained qualification: Matrícula de Honor (10)
Date of reading: 2016
- 16** **Project title:** Asistente CVUEX 2.0
Entity: Universidad de Extremadura
City of entity: Cáceres, Extremadura, Spain
Student: Carlos Álvarez Álvarez
Obtained qualification: Matrícula de Honor (10)
Date of reading: 26/11/2014
- 17** **Project title:** Generación de cliente RIA con la plataforma GWT mediante la identificación de patrones de una Aplicación Web Heredada
Type of project: End of course project
Entity: Universidad de Extremadura
City of entity: Cáceres, Extremadura, Spain
Student: Daniel Domínguez González
Obtained qualification: Sobresaliente (9)
Date of reading: 14/07/2014



- 18** **Project title:** Generación de código para plataformas móviles en MIGRARIA
Type of project: End of course project
Entity: Universidad de Extremadura
City of entity: Cáceres, Extremadura, Spain
Student: Antonio Almodóvar Benítez
Obtained qualification: Matrícula de Honor (10)
Date of reading: 11/07/2014
- 19** **Project title:** Verificación de Transformaciones Modelo a Modelo mediante Métricas
Type of project: Trabajo Fin de Máster
Entity: Universidad de Extremadura **Type of entity:** University
City of entity: Cáceres, Extremadura, Spain
Student: Fernando Macías Gómez de Villar
Obtained qualification: Matrícula de Honor (10)
Date of reading: 07/07/2014
- 20** **Project title:** Herramientas de soporte en procesos de modernización propuestos por el proyecto MIGRARIA
Type of project: End of course project
Entity: Universidad de Extremadura
City of entity: Cáceres, Extremadura, Spain
Student: Enrique Rodríguez González
Obtained qualification: Matrícula de Honor (10)
Date of reading: 18/06/2014
- 21** **Project title:** CVUEx Móvil
Type of project: End of course project
Entity: Universidad de Extremadura **Type of entity:** University
City of entity: Cáceres, Extremadura, Spain
Student: Carlos Díaz Moreno
Obtained qualification: Matrícula de Honor (10)
Date of reading: 10/02/2014
- 22** **Project title:** Modernización dirigida por modelos de aplicaciones web heredadas basadas en Struts a su representación en WebML
Entity: Universidad de Extremadura **Type of entity:** University
City of entity: Cáceres, Extremadura, Spain
Student: Víctor Manuel Pavón Rufino
Obtained qualification: Matrícula de Honor (10)
Date of reading: 12/09/2013
- 23** **Project title:** Generación de Cliente RIA a partir de una aplicación Web heredada
Type of project: End of course project
Entity: Universidad de Extremadura
City of entity: Cáceres, Extremadura, Spain
Student: Fernando Macías Gómez de Villar
Obtained qualification: Matrícula de Honor (10)
Date of reading: 25/06/2013
- 24** **Project title:** Algoritmos de Autenticación Continua para Dispositivos Android
Type of project: End of course project
Entity: Universidad de Extremadura **Type of entity:** University



City of entity: Cáceres, Extremadura, Spain
Student: Francisco Parralejo
Obtained qualification: Matrícula de Honor (10)
Date of reading: 21/06/2013

25 **Project title:** yourInstantApp: Herramienta Desarrollo Aplicaciones de Dispositivos Móviles I
Type of project: End of course project
Entity: Universidad de Extremadura **Type of entity:** University
City of entity: Cáceres, Extremadura, Spain
Student: Ángel Verde Ortega
Obtained qualification: Matrícula de Honor (10)
Date of reading: 21/06/2013

26 **Project title:** yourInstantApp: Herramienta Desarrollo Aplicaciones de Dispositivos Móviles II
Type of project: End of course project
Entity: Universidad de Extremadura **Type of entity:** University
City of entity: Cáceres, Extremadura, Spain
Student: Miguel Muñoz Sánchez-Matas
Obtained qualification: Matrícula de Honor (10)
Date of reading: 21/06/2013

27 **Project title:** Análisis Dinámico del funcionamiento de Aplicaciones Web Heredadas: obtención del modelo de datos e hipertexto
Type of project: End of course project
Entity: Universidad de Extremadura
City of entity: Cáceres, Extremadura, Spain
Student: Manuel Cantonero Chamorro
Obtained qualification: Matrícula de Honor (10)
Date of reading: 20/09/2012

28 **Project title:** Wanalyzer: Herramienta para la creación de analizadores de portales web
Type of project: End of course project
Entity: Universidad de Extremadura **Type of entity:** University
City of entity: Cáceres, Extremadura, Spain
Student: Samuel Solís
Obtained qualification: Sobresaliente (9)
Date of reading: 18/07/2012

29 **Project title:** Generación del Modelo de Datos y de Hipertexto de aplicaciones web heredadas a partir del análisis de su código
Type of project: Trabajo Fin de Máster
Entity: Universidad de Extremadura **Type of entity:** University
City of entity: Cáceres, Extremadura, Spain
Student: Víctor Manuel Pavón Rufino
Obtained qualification: Matrícula de Honor (10)
Date of reading: 13/07/2012

30 **Project title:** Arquitectura Orientada a Servicios Semánticos para la gestión curricular de la investigación
Type of project: End of course project
Entity: Universidad de Extremadura
City of entity: Cáceres, Extremadura, Spain



Student: José Ramón Rubio Largo
Obtained qualification: Matrícula de Honor (10)
Date of reading: 09/07/2008

- 31** **Project title:** Extensión Semántica de Moodle mediante Microformatos
Type of project: End of course project
Entity: Universidad de Extremadura **Type of entity:** University
City of entity: Cáceres, Extremadura, Spain
Student: Joaquín Engelmo Moriche
Obtained qualification: Matrícula de Honor (10)
Date of reading: 20/09/2007

Teaching experience in courses and seminars for university teacher training

- 1** **Type of event:** Seminar
Name of the event: Profesores Noveles para la Docencia Universitaria - BA
Organising entity: Universidad de Extremadura **Type of entity:** University
Hours of teaching: 1
Teaching date: 2020
- 2** **Type of event:** Seminar
Name of the event: Profesores Noveles para la Docencia Universitaria - CC
Organising entity: Universidad de Extremadura **Type of entity:** University
Hours of teaching: 1
Teaching date: 2020
- 3** **Type of event:** Seminar
Name of the event: Simposium I Bilingüismo. Calidad y Evaluación del Aprendizaje en las Modalidades Bilingües
Organising entity: Universidad de Extremadura **Type of entity:** University
Hours of teaching: 1
Teaching date: 2018
- 4** **Type of event:** Seminar
Name of the event: Experiencias de Programas Bilingües en Asignaturas del Grado de Ingeniería
Organising entity: Universidad de Extremadura **Type of entity:** University
Hours of teaching: 7
Teaching date: 2017
- 5** **Type of event:** Seminar
Name of the event: Strategies for Bilingual Classrooms in Engineering
Organising entity: Universidad de Extremadura **Type of entity:** University
Hours of teaching: 5
Teaching date: 2017
- 6** **Type of event:** Seminar
Name of the event: La evaluación en Moodle
Organising entity: Universidad de Extremadura **Type of entity:** University
Hours of teaching: 12
Teaching date: 05/2015



- 7** **Type of event:** Seminar
Name of the event: La evaluación en Moodle
Organising entity: Universidad de Extremadura **Type of entity:** University
Hours of teaching: 12
Teaching date: 05/2015
- 8** **Type of event:** Seminar
Name of the event: El libro de calificaciones y otras herramientas de evaluación en Moodle
Organising entity: Universidad de Extremadura **Type of entity:** University
Hours of teaching: 12
Teaching date: 03/2015
- 9** **Type of event:** Seminar
Name of the event: El libro de calificaciones y otras herramientas de evaluación en Moodle
Organising entity: Universidad de Extremadura **Type of entity:** University
Hours of teaching: 12
Teaching date: 10/2014
- 10** **Type of event:** Seminar
Name of the event: La Docencia de las Competencias TIC en el Grado de Turismo
Organising entity: Universidad de Extremadura **Type of entity:** University
Hours of teaching: 2
Teaching date: 22/07/2014
- 11** **Type of event:** Seminar
Name of the event: Estrategias Docentes sobre la Evaluación para el Aprendizaje a través del Campus Virtual de la UEx
Organising entity: Universidad de Extremadura **Type of entity:** University
Hours of teaching: 3
Teaching date: 02/2014
- 12** **Type of event:** Seminar
Name of the event: Docencia Universitaria en Entornos Virtuales de Enseñanza-Aprendizaje (Nivel 3. Profesorado Experto)
Organising entity: Universidad de Extremadura **Type of entity:** University
Hours of teaching: 35
Teaching date: 01/2012
- 13** **Type of event:** Seminar
Name of the event: Docencia Universitaria en Entornos Virtuales de Enseñanza-Aprendizaje (Nivel 3. Profesorado Experto)
Organising entity: Universidad de Extremadura **Type of entity:** University
Hours of teaching: 35
Teaching date: 11/2011
- 14** **Type of event:** Seminar
Name of the event: Bases de Datos para Investigadores
Organising entity: Universidad de Extremadura **Type of entity:** University
Hours of teaching: 7
Teaching date: 06/2002



Educational or pedagogical publications, books, articles, etc.

- 1** Roberto Rodríguez Echeverría; Julia González Rodríguez. Actas de las XXV Jornadas de Enseñanza Universitaria de la Informática (JENUI)., pp. 207 - 214. 2019. ISSN 2531-0607
Name of the materials: La comunicación oral efectiva en los grados de informática. ¿Realidad o ficción?
Date of drafting: 2019
Format: Article(s)
Corresponding author: Yes
- 2** Juan A. Rico Gallego; Roberto Rodríguez Echeverría; Fernando Sánchez Figueroa; Álvaro E. Prieto; Cristina Vicente Chicote; Jaime Galán Jiménez; Juan C. Preciado Rodríguez. TICAI 2018 TICs para el Aprendizaje de la Ingeniería, TICAI 2018 TICs para el Aprendizaje de la Ingeniería. pp. 63 - 70. 2018. ISBN 978-84-8158-838-5
Name of the materials: Análisis de la Motivación, la Satisfacción y el Esfuerzo en la Implantación de un Grado Bilingüe
Date of drafting: 2018
Format: Chapters of books
Corresponding author: Yes
- 3** Juan A. Rico Gallego; Roberto Rodríguez Echeverría; Fernando Sánchez Figueroa; Álvaro E. Prieto; Cristina Vicente Chicote; Jaime Galán Jiménez; Juan C. Preciado Rodríguez. Actas de las XXIV Jornadas de Enseñanza Universitaria de la Informática (JENUI)., pp. 63 - 70. 2018. ISSN 2531-0607
Name of the materials: Análisis de la Motivación, la Satisfacción y el Esfuerzo en la Implantación de un Grado Bilingüe
Date of drafting: 2018
Format: Article(s)
Corresponding author: Yes
- 4** Alberto Gómez Mancha; Roberto Rodríguez Echeverría. Revisión, 11 - 1, 2018. ISSN 1989-1199
Name of the materials: XXIII Jornadas sobre la Enseñanza Universitaria de la Informática.: Las JENUI otra vez en Cáceres
Date of drafting: 2018
Format: Article(s)
Corresponding author: No
- 5** Alberto Gómez Mancha; Roberto Rodríguez Echeverría. Revisión, 11 - 1, 2018. ISSN 1989-1199
Name of the materials: XXIII Jornadas sobre la Enseñanza Universitaria de la Informática.: Las JENUI otra vez en Cáceres
Date of drafting: 2018
Format: Article(s)
Corresponding author: No
- 6** Roberto Rodríguez Echeverría; José M. Conejero; Álvaro E. Prieto; Cristina Vicente Chicote; Jaime Galán Jiménez. Actas de las XXIII Jornadas de Enseñanza Universitaria de la Informática (JENUI)., pp. 51 - 58. 2017. ISBN 978-84-697-4077-4
Name of the materials: Lost in translation? Reflexiones sobre la puesta en marcha de programas bilingües en grados de informática
Date of drafting: 07/07/2017
Format: Article(s)
Corresponding author: Yes



- 7** José M. Conejero; Roberto Rodríguez Echeverría; Cristina Vicente Chicote; Jaime Galán Jiménez; Javier Berrocal. II Jornadas de Innovación Docente en la Ingeniería, pp. 30 - 35. (Spain): 2017. ISBN 978-84-697-5020-9
Name of the materials: Oportunidades y riesgos de la docencia en inglés en los grados de Ingeniería Informática
Date of drafting: 07/07/2017
Format: Article(s)
Corresponding author: No
- 8** Roberto Rodríguez Echeverría; José M. Conejero; Fernando Sánchez; Juan A. Rico Gallego; Juan C. Preciado. II Jornadas de Innovación Docente en la Ingeniería, pp. 69 - 73. (Spain): 2017. ISBN 978-84-697-5020-9
Name of the materials: ¿Qué es docencia en inglés en los grados de Ingeniería Informática?
Date of drafting: 26/04/2017
Format: Article(s)
Corresponding author: No
- 9** Jesús Valverde Berrocoso; Prudencia Gutiérrez Esteban; Roberto Rodríguez Echeverría. Jornadas Campus Virtual de la Universidad de Extremadura (2011-2014), Jornadas Campus Virtual de la Universidad de Extremadura (2011-2014). Extremadura (Spain): 2014. ISBN 978-84-697-2068-4
Name of the materials: Jornadas Campus Virtual de la Universidad de Extremadura (2011-2014)
Target group profile: Docentes Universitarios
Date of drafting: 2014
Format: Book
Justification of material: Recoger las mejores experiencias docentes en el Campus Virtual de la Universidad de Extremadura.
Degree of contribution: Editor or co-editor
Position of signature: 1
- 10** Pedro José Clemente Martín; Alberto Gómez Mancha; Julia González Rodríguez; Roberto Rodríguez Echeverría; Encarna Sosa. Actas de las XXIII Jornadas de Enseñanza Universitaria de la Informática (JENUI), Jornadas de la Enseñanza Universitaria de la Informática. 1, pp. 565 - 567. 2007.
Name of the materials: Diseño y evaluación de actividades de aprendizaje para un curso de introducción a la programación
Date of drafting: 2007
Format: Article(s)
Degree of contribution: Author or co-author of chapter in book
Position of signature: 4
- 11** Roberto Rodríguez Echeverría; Encarna Sosa; Álvaro Prieto Ramos. Programación Orientada a Objetos, Extremadura (Spain): Librería Papelería Álvaro, SL. 2004. ISBN 84-609-0003-7
Legal deposit: CC-11-2004
Name of the materials: Programación Orientada a Objetos
Target group profile: Estudiantes de Ingenierías Informáticas
Date of drafting: 2005
Format: Book
Justification of material: Aunar en un sólo texto los principios fundamentales de la programación orientada a objetos desde un punto de vista práctico con el lenguaje C++.
Degree of contribution: Author or co-author of entire book
Corresponding author: Yes
Position of signature: 1



- 12** Encarna Sosa; Pedro José Clemente Martín; Julia González Rodríguez; Álvaro Prieto Ramos; Roberto Rodríguez Echeverría. *Advances in Technology-Based Education: Towards a Knowledge-Based Society*, *Advances in Technology-Based Education: Towards a Knowledge-Based Society*. 1, pp. 197 - 200. Extremadura (Spain): 2003. ISBN 84-96212-10-6
Legal deposit: BA-672-2003
Name of the materials: On-Line Learning
Target group profile: Docentes
Date of drafting: 2003
Format: Chapters of books
Degree of contribution: Author or co-author of chapter in book
Position of signature: 5
- 13** Álvaro Prieto Ramos; Pedro José Clemente Martín; Julia González Rodríguez; Roberto Rodríguez Echeverría; Encarna Sosa. *Advances in Technology-Based Education: Towards a Knowledge-Based Society*, *Advances in Technology-Based Education: Towards a Knowledge-Based Society*. 1, pp. 1819 - 1822. Extremadura (Spain): 2003. ISBN 84-96212-10-6
Legal deposit: BA-672-2003
Name of the materials: Student Progress Evaluation Web Tool
Target group profile: Docentes
Date of drafting: 2003
Format: Chapters of books
Degree of contribution: Author or co-author of chapter in book
Position of signature: 4

Participation in innovative teaching projects

- 1** **Project title:** RETROALIMENTACION AUTOMATIZADA EN EL PROCESO DE APRENDIZAJE PARA ESTUDIANTES DE ASIGNATURAS DE DESARROLLO SOFTWARE
Type of participation: Team member
Time of working relationship: For a limited time
Funding entity: Universidad de Extremadura **Type of entity:** University
Start-End date: 01/01/2021 - 15/06/2021
- 2** **Project title:** COREL I: Comunicación oral efectiva: académica o profesional
Type of participation: Team member
Time of working relationship: For a limited time
Funding entity: Universidad de Extremadura **Type of entity:** University
Start-End date: 01/01/2019 - 15/06/2019
- 3** **Project title:** PDI3: PROFESORADO CON DOCENCIA EN INGLES EN LA INGENIERIA INFORMATICA
Type of participation: Principal investigator
Funding entity: Universidad de Extremadura **Type of entity:** University
Start-End date: 01/09/2017 - 15/06/2018
- 4** **Project title:** Profesorado Bilingüe en las Aulas de la UEx II
Type of participation: Team member
Time of working relationship: For a limited time
Funding entity: Universidad de Extremadura **Type of entity:** University
Start-End date: 01/09/2017 - 15/06/2018



- 5** **Project title:** CREAIS: Capacidades, Recursos y Experiencias para las Asignaturas en Inglés de la Ingeniería del Software
Type of participation: Principal investigator
Funding entity: Universidad de Extremadura **Type of entity:** University
Start-End date: 01/10/2016 - 15/07/2017
- 6** **Project title:** The flipped UEx
Type of participation: Team member
Funding entity: Universidad de Extremadura **Type of entity:** University
Start-End date: 01/09/2013 - 31/05/2014
- 7** **Project title:** GoogUEx: Guía de buenas prácticas en la integración de Moodle, Google Apps y redes sociales
Type of participation: Team member
Funding entity: Universidad de Extremadura **Type of entity:** University
Start-End date: 01/09/2012 - 31/05/2013
- 8** **Project title:** Diseño de Actividades de Enseñanza-Aprendizaje Bimodales (Presenciales-Virtuales)
Type of participation: Team member
Funding entity: Universidad de Extremadura **Type of entity:** University
Start-End date: 01/09/2010 - 31/05/2011
- 9** **Project title:** CHEMA: Competencias y Herramientas para su Evaluación Mediante Actividades
Type of participation: Team member
Funding entity: Universidad de Extremadura **Type of entity:** University
Start-End date: 01/09/2008 - 31/05/2009
- 10** **Project title:** GRADO: Grupo de Acción Docente
Type of participation: Team member
Funding entity: Universidad de Extremadura **Type of entity:** University
Start-End date: 01/09/2007 - 31/05/2008

Participation in conferences with talks focused on teacher training

- 1** **Name of the event:** IV Jornadas Campus Virtual de la Universidad de Extremadura "Identidad Digital"
Type of event: Conference
Date of presentation: 29/09/2014
Organising entity: Universidad de Extremadura **Type of entity:** University
- 2** **Name of the event:** Jornada de Buenas Prácticas Docentes
Type of event: Conference
Date of presentation: 27/06/2014
Organising entity: Universidad de Extremadura **Type of entity:** University
- 3** **Name of the event:** Jornada sobre evaluación en titulaciones técnicas
Type of event: Conference
Date of presentation: 04/07/2012
Organising entity: Universidad de Extremadura **Type of entity:** University



- 4** **Name of the event:** II Jornadas Campus Virtual de la Universidad de Extremadura "Conocimiento, Aprendizaje y Comunidad"
Type of event: Conference
Date of presentation: 14/06/2012
Organising entity: Universidad de Extremadura **Type of entity:** University
- 5** **Name of the event:** I Jornadas Campus Virtual de la Universidad de Extremadura "Experiencias Docentes Innovadoras"
Type of event: Conference
Date of presentation: 20/06/2011
Organising entity: Universidad de Extremadura **Type of entity:** University
- 6** **Name of the event:** MoodleMoot Spain'09
Type of event: Conference
Date of presentation: 29/10/2009
Organising entity: MINISTERIO DE EDUCACION Y CIENCIA
- 7** **Name of the event:** MoodleMoot Barcelona
Type of event: Conference
Date of presentation: 24/10/2008
Organising entity: Universitat de Barcelona **Type of entity:** University
Organización del Campus Virtual de la UEx.
- 8** **Name of the event:** MoodleMoot Spain'06
Type of event: Conference
Date of presentation: 18/09/2006
Organising entity: Universitat Rovira i Virgili **Type of entity:** University
Soporte de Metadatos en Moodle.
- 9** **Name of the event:** MoodleMoot Spain'05
Type of event: Conference
Date of presentation: 01/12/2005
Organising entity: FUNDACION CANARIA PARQUE CIENTIFICO TECNOLOGICO DE LA UNIVERSIDAD DE LAS PALMAS DE GRAN CANARIA



Scientific and technological experience

Research and development groups/teams

Name of the group: Quercus Software Engineering Group

Aims of the group: Investigación en Ingeniería del Software

Type of collaboration: Co-authorship of projects and their development

Affiliation entity: Universidad de Extremadura

Type of entity: University

Start date: 21/12/2004

Scientific or technological activities

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

- 1 Name of the project:** Desarrollo Low-code de Sistemas Inteligentes

Type of project: Research and development, including transfer **Geographical area:** National

Degree of contribution: Researcher

Entity where project took place: FUNDACIO PER A LA UNIVERSITAT OBERTA DE CATALUNYA
CENTRO: INSTITUTO INTERDISCIPLINARIO DE INTERNET, IN3

City of entity: Barcelona, Catalonia, Spain

Name principal investigator (PI, Co-PI....): Robert Clariso Viladrosa; Jordi Cabot Sagrera

Nº of researchers: 7

Name of the programme: GENERACIÓN DE CONOCIMIENTO Y FORTALECIMIENTO CIENTÍFICO Y TECNOLÓGICO DEL SISTEMA DE I+D+i Y DE I+D+i ORIENTADA A LOS RETOS DE LA SOCIEDAD 2020

Code according to the funding entity: PID2020-114615RB-I00

Start-End date: 01/09/2021 - 31/08/2024

Total amount: 56.870 €

Dedication regime: Full time
- 2 Name of the project:** ANTICIPA: Análisis Automático y Predictivo de Trayectorias Educativas Preuniversitarias para la Ayuda a la Toma de Decisiones

Geographical area: Regional

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

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

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

Nº of researchers: 7

Funding entity or bodies: Junta de Extremadura **Type of entity:** Programa I+D+i 2018

City funding entity: Spain

Type of participation: Principal investigator

Name of the programme: Ayudas proyectos investigación en Centros Públicos de I+D+i 2018

Code according to the funding entity: IB18034

Start-End date: 09/02/2019 - 08/02/2022



Total amount: 149.719,9 €

Dedication regime: Full time

3 Name of the project: Open Data para Todos: Una Infraestructura basada en APIs para la Explotación de Fuentes de Datos Online

Type of project: Research and development, including transfer

Geographical area: National

Degree of contribution: Researcher

Entity where project took place: FUNDACIO PER A LA UNIVERSITAT OBERTA DE CATALUNYA
CENTRO: INSTITUTO INTERDISCIPLINARIO DE INTERNET, IN3

City of entity: Barcelona, Catalonia, Spain

Name principal investigator (PI, Co-PI....): Jordi Cabot Sagrera

Nº of researchers: 7

Name of the programme: Retos Investigacio?n: Proyectos I+D+I 2016

Code according to the funding entity: TIN2016-75944-R

Start-End date: 01/01/2017 - 29/12/2020

Total amount: 77.198 €

Dedication regime: Full time

4 Name of the project: Instituto Internacional de Investigación e Innovación del Envejecimiento

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

City of entity: Cáceres, Extremadura, Spain

Name principal investigator (PI, Co-PI....): Juan M. Murillo Rodríguez

Nº of researchers: 27

Funding entity or bodies:

Comisión Europea

Type of entity: POCTEP

City funding entity: Madrid, Community of Madrid, Spain

Name of the programme: POCTEP

Code according to the funding entity: 0445_4IE_4_P

Start-End date: 01/10/2015 - 31/12/2019

Total amount: 1.346.288 €

5 Name of the project: MIGRARIA: Migración de Aplicaciones Web Heredadas a RIAs Referencia: TIN2011-27340

Type of project: Basic research (including archaeological digs, etc)

Geographical area: National

Degree of contribution: Researcher

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

City of entity: Cáceres, Extremadura, Spain

Name principal investigator (PI, Co-PI....): Fernando Sánchez Figueroa

Nº of researchers: 11

Funding entity or bodies:

Ministerio de Economía y Competitividad

Type of entity: State agency

Participantes: Universidad de Extremadura

City funding entity: Madrid, Community of Madrid, Spain

Type of participation: Co-ordinator

Name of the programme: Investigación Fundamental

Code according to the funding entity: TIN2011-27340

Start-End date: 01/01/2012 - 31/12/2014

Duration: 3 years



Total amount: 138.908 €

Dedication regime: Full time

Applicant's contribution: Aportación fundamental del participante, porque este proyecto recoge sus principales labores de investigación desarrolladas desde el año 2011 hasta el año 2014. Su tesis doctoral se ha defendido dentro de este proyecto y recoge los resultados principales de este proyecto. El participante ha trabajado en la definición y solicitud del proyecto. También en su desarrollo, evaluación y justificación. El participante ha sido el responsable del desarrollo de las tareas del módulo I, como reflejan las publicaciones de los últimos 5 años del participante. Y ha sido responsable de la formación de varios becarios y técnicos de apoyo que han colaborado en el proyecto.

6 Name of the project: BPM4People

Type of project: Basic research (including archaeological digs, etc)

Geographical area: European Union

Degree of contribution: Researcher

Entity where project took place: Universidad de Extremadura

Type of entity: University

City of entity: Cáceres, Extremadura, Spain

Name principal investigator (PI, Co-PI...): Fernando Sánchez Figueroa

Funding entity or bodies:

Unión Europea

Type of participation: Team member

Name of the programme: VII Programa Marco de la Unión Europea

Code according to the funding entity: FP7-SME-2011-285929

Start-End date: 01/09/2011 - 31/08/2013

Duration: 2 years

Total amount: 407.000 €

Dedication regime: Part time

7 Name of the project: Desarrollo Dirigido por Modelos de Procesos de Negocio en Factorías Software: Aplicaciones a La Web 2.0 Y Arquitecturas Multicapa en J2EE (TIN2008-02985)

Type of project: Basic research (including archaeological digs, etc)

Geographical area: National

Degree of contribution: Researcher

Entity where project took place: Universidad de Extremadura

Type of entity: University

City of entity: Cáceres, Extremadura, Spain

Name principal investigator (PI, Co-PI...): Juan María Hernández Núñez

Nº of researchers: 16

Funding entity or bodies:

Ministerio de Ciencia y Tecnología

Type of entity: State agency

Type of participation: Team member

Code according to the funding entity: TIN2008-02985

Start-End date: 01/01/2009 - 31/12/2012

Duration: 3 years

Participating entity/entities: Universidad de Extremadura

Total amount: 223.850 €

Applicant's contribution: Analisis de aplicaciones desarrolladas en factorias software extraccion de procesos de negocio de las aplicaciones Investigación en modernización software mediante técnicas y tecnologías model-driven principales publicaciones del autor en congresos y revistas dentro del periodo del proyecto



8 Name of the project: Estudio de la Migración Sistematizada de Aplicaciones Web a Rich Internet Applications en el Entorno Empresarial

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

City of entity: Cáceres, Extremadura, Spain

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

Nº of researchers: 2

Funding entity or bodies:

Universidad de Extremadura

Type of entity: University

City funding entity: Badajoz, Extremadura, Spain

Start-End date: 01/11/2010 - 31/10/2011

Total amount: 6.000 €

9 Name of the project: GAINUS 4M Referencia: PDT09A015

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

Degree of contribution: Researcher

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

City of entity: Cáceres, Extremadura, Spain

Name principal investigator (PI, Co-PI....): Fernando Sánchez Figueroa

Nº of researchers: 10

Funding entity or bodies:

Junta de Extremadura

Type of entity: Public Research Body

City funding entity: Extremadura, Spain

Type of participation: Team member

Name of the programme: III Plan Regional de Investigación

Code according to the funding entity: PDT09A015

Start-End date: 10/10/2009 - 10/10/2011

Duration: 3 years

Total amount: 112.200 €

Dedication regime: Part time

Applicant's contribution: Evaluacion de tecnologia de generacion de codigo desde modelo apoyo en las tareas de desarrollo del generador de codigo

10 Name of the project: Ampliación de CRM para PYMES

Geographical area: Regional

Degree of contribution: Researcher

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

City of entity: Cáceres, Extremadura, Spain

Name principal investigator (PI, Co-PI....): Fernando Sánchez Figueroa

Nº of researchers: 4

Funding entity or bodies:

Junta de Extremadura

Type of entity: Agencia autonómica

City funding entity: Spain

Type of participation: Team member

Name of the programme: Plan Regiional de Investigación

Code according to the funding entity: PDT07A035

Start-End date: 11/11/2007 - 11/11/2009

Duration: 2 years

Participating entity/entities: Universidad de Extremadura



Total amount: 83.270 €

Dedication regime: Part time

11 Name of the project: Metodologías para el Diseño y Desarrollo de Sistemas Distribuidos entre Iguales Colaborativos (TIN2005-09405-C02-02)

Identify key words: Programming language

Type of project: Basic research (including archaeological digs, etc)

Geographical area: National

Degree of contribution: Researcher

Entity where project took place: Universidad de Extremadura

Type of entity: University

City of entity: Cáceres, Extremadura, Spain

Name principal investigator (PI, Co-PI....): José María Troya Linero; Juan Hernández Núñez

Nº of researchers: 15

Funding entity or bodies:

Ministerio de Ciencia y Tecnología

Type of entity: State agency

Type of participation: Team member

Name of the programme: Plan Nacional de Proyectos y Ayudas

Code according to the funding entity: TIN-2005-09405-C02-02

Start-End date: 31/12/2005 - 31/12/2008

Duration: 3 years

Participating entity/entities: Universidad de Extremadura; Universidad de Málaga

Total amount: 298.690 €

Dedication regime: Full time

Applicant's contribution: Investigacio?n en Model-Driven Web Engineering y Aspect Oriented Software Engineering. Como resultado esta?n las publicaciones en las que participe? entre 2005 y 2008.

12 Name of the project: Desarrollo de la aplicación software basada en ontologías para la gestión de incidencias de TIC

Type of project: Basic research (including archaeological digs, etc)

Geographical area: Regional

Degree of contribution: Researcher

Entity where project took place: Universidad de Extremadura

Type of entity: University

City of entity: Cáceres, Extremadura, Spain

Name principal investigator (PI, Co-PI....): Adolfo Lozano Tello

Nº of researchers: 6

Funding entity or bodies:

Junta de Extremadura

Type of entity: Agencia autonómica

City funding entity: Spain

Type of participation: Team member

Name of the programme: Plan Regional de Investigación

Code according to the funding entity: PDT06A045

Start-End date: 13/12/2006 - 13/12/2008

Duration: 2 years

Participating entity/entities: MPG Extremadura S.L.; Universidad de Extremadura

Total amount: 54.699 €

Dedication regime: Part time

13 Name of the project: Metodologías Dinámicas de Ingeniería Software para el Desarrollo de Sistemas de Información Complejos en las Administraciones Públicas: una aproximación basada en MDA y AOSD (2PR04BO11)

Type of project: Industrial research

Geographical area: Regional



Degree of contribution: Researcher
Entity where project took place: Universidad de Extremadura
Type of entity: University
City of entity: Cáceres, Extremadura, Spain
Name principal investigator (PI, Co-PI....): Juan Manuel Murillo Rodríguez
Nº of researchers: 10
Funding entity or bodies: Junta de Extremadura
Type of entity: Gobierno autonómico
City funding entity: Spain
Type of participation: Team member
Name of the programme: Plan Regional de Investigación
Code according to the funding entity: 2PR04BO11
Start-End date: 10/11/2004 - 10/11/2007
Duration: 3 years
Participating entity/entities: Universidad de Extremadura
Total amount: 23.760 €
Dedication regime: Part time
Applicant's contribution: Aplicacion de metodologias aosd al desarrollo de los casos de estudio seleccionados evaluacion y elaboracion del informe de resultados.

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

- 1 Name of the project:** MANING: Analítica Predictiva, Machine Learning y Chatbots para la Optimización de Entornos de Comercio Electrónico de Altas Prestaciones
Degree of contribution: Researcher
Name principal investigator (PI, Co-PI....): Álvaro Prieto Ramos
Nº of researchers: 4
Funding entity or bodies: Homeria Open Solutions S.L.
Type of entity: Business
City funding entity: Cáceres, Extremadura, Spain
Start date: 16/07/2018
Duration: 1 year
Total amount: 58.000 €
- 2 Name of the project:** Análisis de Datos de Empleabilidad
Degree of contribution: Researcher
Name principal investigator (PI, Co-PI....): José María Conejero Manzano
Nº of researchers: 8
Participating entity/entities: Universidad de Extremadura
Funding entity or bodies: Servicio Extremeño Público de Empleo
Type of entity: Consejería Educación y Empleo. Junta de Extremadura
City funding entity: Mérida, Extremadura, Spain
Code according to the funding entity: 224/17
Start date: 09/01/2018
Duration: 1 year
Total amount: 43.450 €
- 3 Name of the project:** MONITO: Monitorización Integrada de Servicios en la Nube para Entornos de Demanda Intensiva
Degree of contribution: Scientific coordinator
Name principal investigator (PI, Co-PI....): Roberto Rodríguez Echeverría

**Nº of researchers:** 4**Funding entity or bodies:**

Homeria Open Solutions S.L.

Type of entity: Business**City funding entity:** Cáceres, Extremadura, Spain**Start date:** 01/02/2017**Duration:** 1 year**Total amount:** 24.000 €**4 Name of the project:** Smart Water Innovation Network in the city of Burgos (SWING)**Degree of contribution:** Researcher**Name principal investigator (PI, Co-PI....):** Carmen Ortiz Caraballo**Nº of researchers:** 5**Funding entity or bodies:**

Acciona Agua, S.A.

Type of entity: Business**City funding entity:** El Prat de Llobregat, Catalonia, Spain**Start date:** 01/10/2016**Duration:** 9 months**Total amount:** 9.000 €**5 Name of the project:** Formación en Sistemas de Análisis de Imágenes e Interfaces de Usuario Multidispositivo y Multiplataforma**Degree of contribution:** Researcher**Name principal investigator (PI, Co-PI....):** Juan Hernández**Nº of researchers:** 4**Funding entity or bodies:**

TIN-CERES, SL

Type of entity: Business**City funding entity:** Cáceres, Extremadura, Spain**Start date:** 03/06/2015**Duration:** 1 month - 10 days**Total amount:** 8.000 €**6 Name of the project:** Cátedra B.K. en Innovación Tecnológica**Degree of contribution:** Researcher**Name principal investigator (PI, Co-PI....):** Fernando Sánchez Figueroa**Nº of researchers:** 4**Participating entity/entities:** Universidad de Extremadura**Funding entity or bodies:**

Asociación Nacional de Franquiciados Burger King España

Type of entity: Associations and Groups**Start date:** 01/09/2014**Duration:** 2 years**Total amount:** 84.000 €**7 Name of the project:** Investigación y desarrollo en operaciones matemáticas para ser aplicadas en el módulo de inteligencia de negocio, dentro del marco del desarrollo del proyecto europeo "SmartWater4Europe"**Degree of contribution:** Researcher**Name principal investigator (PI, Co-PI....):** José María Conejero Manzano**Nº of researchers:** 4**Funding entity or bodies:**

Homeria Open Solutions

Type of entity: Business**Start date:** 01/07/2014**Duration:** 6 months**Total amount:** 10.000 €



- 8** **Name of the project:** LiderConnect: Inteligencia Analítica e Innovación Aplicada al Sector de la Alimentación
Degree of contribution: Researcher
Name principal investigator (PI, Co-PI...): Juan Carlos Preciado Rodríguez
Nº of researchers: 5
Participating entity/entities: Universidad de Extremadura
Funding entity or bodies:
Lider Aliment SA **Type of entity:** Business
Start date: 01/03/2014 **Duration:** 1 year
Total amount: 7.040 €
- 9** **Name of the project:** Desarrollo de VisualQ: Sistema de Visualización de Datos de Satisfacción de Usuarios
Degree of contribution: Coordinator of total project, network or consortium
Name principal investigator (PI, Co-PI...): Roberto Rodríguez Echeverría
Nº of researchers: 3
Participating entity/entities: Universidad de Extremadura.
Funding entity or bodies:
Homeria Open Solutions S.L. **Type of entity:** Business
Start date: 10/12/2013 **Duration:** 18 months
Total amount: 20.750 €
- 10** **Name of the project:** Investigación en la elaboración y visualización de software de monitorización y control de sistemas de potabilización de agua inteligentes
Degree of contribution: Researcher
Name principal investigator (PI, Co-PI...): Pedro José Clemente Martín
Nº of researchers: 4
Participating entity/entities: Universidad de Extremadura
Funding entity or bodies:
Homeria Open Solutions **Type of entity:** Business
Start date: 01/09/2013 **Duration:** 18 months
Total amount: 27.650 €
- 11** **Name of the project:** Desarrollo del Proyecto de Investigación, Proyecto DATASHELTER-Tecnología para cumplir con los requerimientos de privacidad y seguridad en el entorno Cloud Computing
Degree of contribution: Coordinator of total project, network or consortium
Name principal investigator (PI, Co-PI...): Roberto Rodríguez Echeverría
Nº of researchers: 2
Participating entity/entities: Universidad de Extremadura.
Funding entity or bodies:
NUBALIA CLOUD COMPUTING SL
Start date: 01/06/2013 **Duration:** 12 months
Total amount: 18.000 €
- 12** **Name of the project:** ITECBAN SAAS PYMEF
Degree of contribution: Researcher
Name principal investigator (PI, Co-PI...): Fernando Sánchez Figueroa
Nº of researchers: 9



Participating entity/entities: Universidad de Extremadura.

Funding entity or bodies:

INDRA SOFTWARE LABS SL

City funding entity: Spain

Start date: 03/04/2013

Duration: 21 months

Total amount: 203.680 €

13 Name of the project: Nueva factori?a del futuro, segura, inteligente y sostenible de desmilitarizacio?n y tecnologí?a de defensa, Sixtrems

Degree of contribution: Researcher

Name principal investigator (PI, Co-PI....): Juan María Hernández Núñez

Nº of researchers: 7

Participating entity/entities: Universidad de Extremadura

Funding entity or bodies:

SOCIEDAD DE PREVENCIÓN DE FREMAP

Type of entity: Business

Start date: 01/04/2013

Duration: 24 months

Total amount: 85.000 €

14 Name of the project: METODOLOGIA DE INNOVACION DOCENTE A TRAVES DEL CAMPUS VIRTUAL Y TECNOLOGIA PROPIA DE LA UEX PARA EL USO EN DOCENCIA VIRTUAL. PROYECTO GICED: GESTION INTEGRADA DE CENTRO EDUCATIVO

Degree of contribution: Researcher

Name principal investigator (PI, Co-PI....): José María Conejero Manzano

Nº of researchers: 3

Participating entity/entities: Universidad de Extremadura

Funding entity or bodies:

Sociedad Educacio?n y Tecnologí?a de Extremadura, **Type of entity:** Business S.L.U.

Start date: 01/10/2011

Duration: 1 month

Total amount: 6.000 €

15 Name of the project: Conexión entre OOH4RIA y RUX

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

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

Nº of researchers: 8

Participating entity/entities: Homeria Open Solutions Y UNIVERSIDAD DE EXTREMADURA.

Funding entity or bodies:

Homeria Open Solutions

Start date: 05/05/2011

Duration: 9 months - 30 days

Total amount: 50.000 €

16 Name of the project: Visualización Multidimensional de Datos en la Web

Degree of contribution: Researcher

Name principal investigator (PI, Co-PI....): José María Conejero Manzano Conejero Manzano

Nº of researchers: 8

Participating entity/entities: Universidad de Extremadura

Funding entity or bodies:

Homeria Open Solutions

Type of entity: Business

Start date: 05/05/2011

Duration: 10 months



Total amount: 40.000 €

17 Name of the project: ALTERNATIVAS DE DISTRIBUCIÓN Y DESPLIEGUE DE RIX-METHOD PARA EL DESARROLLO DE RUX-TOOL EN FORMATO DESCONECTADO

Degree of contribution: Researcher

Name principal investigator (PI, Co-PI....): Juan Carlos Preciado Rodríguez

Nº of researchers: 5

Participating entity/entities: Universidad de Extremadura.

Funding entity or bodies:

Homeria Open Solutions S.L.

Type of entity: Business

Start date: 27/10/2010

Duration: 1 year

Total amount: 20.000 €

18 Name of the project: BUSINESS INTELLIGENCE Y GESTIÓN DEL CONOCIMIENTO PARA EL APOYO A LA TOMA DE DECISIONES MEDIANTE MODELOS DE INGENIERÍA WEB

Degree of contribution: Desarrollo Tecnológico

Name principal investigator (PI, Co-PI....): Juan Carlos Preciado Rodríguez

Nº of researchers: 5

Participating entity/entities: Universidad de Extremadura.

Funding entity or bodies:

Homeria Open Solutions S.L.

Type of entity: Business

Start date: 27/10/2010

Duration: 1 year

Total amount: 23.000 €

19 Name of the project: ESTRATEGIAS DE AUTOMATIZACIÓN DEL POSICIONAMIENTO COMPETITIVO SEO EN PROCESOS INDUSTRIALES DE INGENIERÍA WEB

Degree of contribution: Researcher

Name principal investigator (PI, Co-PI....): Juan Carlos Preciado Rodríguez

Nº of researchers: 5

Participating entity/entities: Universidad de Extremadura.

Funding entity or bodies:

Homeria Open Solutions S.L.

Type of entity: Business

Start date: 27/10/2010

Duration: 1 year

Total amount: 37.000 €

20 Name of the project: Cátedra INDRA-Fundación ADECCO de Tecnología Accesible

Degree of contribution: Researcher

Name principal investigator (PI, Co-PI....): Fernando Sánchez Figueroa

Nº of researchers: 11

Participating entity/entities: Universidad de Extremadura

Funding entity or bodies:

Fundación ADECCO

Type of entity: Foundation

Indra Sistemas, S.A.

Type of entity: Business

City funding entity: Madrid, Community of Madrid, Spain

Start date: 02/02/2010

Duration: 2 years - 11 months

Total amount: 145.000 €



- 21** **Name of the project:** Consultoria sobre accesibilidad en componentes web
Degree of contribution: Researcher
Name principal investigator (PI, Co-PI....): Marino Linaje Trigueros
Nº of researchers: 5
Participating entity/entities: Universidad de Extremadura
Funding entity or bodies:
Homeria Open Solutions **Type of entity:** Business
Start date: 24/08/2009 **Duration:** 2 months
Total amount: 10.000 €
- 22** **Name of the project:** FORMACIÓN AVANZADA EN INGENIERÍA DEL SOFTWARE: PATRONES, ACCESIBILIDAD Y HCI
Degree of contribution: Researcher
Name principal investigator (PI, Co-PI....): Juan Carlos Preciado Rodríguez
Nº of researchers: 5
Participating entity/entities: Universidad de Extremadura
Funding entity or bodies:
HOMERIA OPEN SOLUTIONS **Type of entity:** Business
Start date: 24/08/2009 **Duration:** 2 months
Total amount: 6.000 €
- 23** **Name of the project:** FORMACION EN RIA (RICH INTERNET APPLICATIONS)
Degree of contribution: Researcher
Name principal investigator (PI, Co-PI....): Fernando Sánchez Figueroa
Nº of researchers: 5
Participating entity/entities: HOMERIA OPEN SOLUTIONS Y UNIVERSIDAD DE EXTREMADURA.
Funding entity or bodies:
HOMERIA OPEN SOLUTIONS **Type of entity:** Business
Start date: 08/06/2009 **Duration:** 2 months
Total amount: 12.000 €
- 24** **Name of the project:** Formación MDA y Desarrollo de Sistemas basados en Software Libre
Degree of contribution: Scientific coordinator
Name principal investigator (PI, Co-PI....): Roberto Rodríguez Echeverría
Nº of researchers: 3
Participating entity/entities: Homeria Open Solutions; Universidad de Extremadura.
Funding entity or bodies:
Homeria Open Solutions **Type of entity:** Business
Start date: 08/06/2009 **Duration:** 1 month
Total amount: 5.129,31 €
- 25** **Name of the project:** Desarrollo y Gestion de Aplicaciones Web con Tecnologia Java
Degree of contribution: Researcher
Name principal investigator (PI, Co-PI....): Juan Carlos Preciado Rodríguez
Nº of researchers: 5
Participating entity/entities: Universidad de Extremadura
Funding entity or bodies:
IBERCONSULTING CONSULTORIA Y GESTION SLNE
Start date: 12/04/2009 **Duration:** 3 months



Total amount: 10.500 €

- 26** **Name of the project:** DESARROLLO DIRIGIDO POR MODELOS DE PROCESOS DE NEGOCIO EN FACTORIAS SOFTWARE: APLICACIONES A LA WEB 2.0
Degree of contribution: Desarrollo Tecnológico
Name principal investigator (PI, Co-PI....): Fernando Sánchez Figueroa
Nº of researchers: 5
Participating entity/entities: Universidad de Extremadura
Funding entity or bodies:
 HOMERIA OPEN SOLUTIONS **Type of entity:** Business
Start date: 01/04/2009 **Duration:** 4 months
Total amount: 56.000 €
- 27** **Name of the project:** Formación en la Plataforma de Desarrollo J2EE
Degree of contribution: ??Desarrollo Tecnológico?????????
Name principal investigator (PI, Co-PI....): Roberto Rodríguez Echeverría
Nº of researchers: 6
Participating entity/entities: Universidad de Extremadura
Funding entity or bodies:
 Adaptia Soluciones Integrales SLU **Type of entity:** Business
Start date: 12/11/2008 **Duration:** 1 month
Total amount: 12.000 €
- 28** **Name of the project:** INREDIS: Interfaces de Relación entre el entorno y las Personas con Discapacidad
Degree of contribution: Researcher
Name principal investigator (PI, Co-PI....): Fernando Sánchez Figueroa
Nº of researchers: 9
Participating entity/entities: Universidad de Extremadura.
Funding entity or bodies:
 Fundosa Teleservicios (Technosite) **Type of entity:** Business
 TMT Factory **Type of entity:** Business
 Vía Libre **Type of entity:** Business
Start date: 01/10/2007 **Duration:** 4 years
Total amount: 180.000 €
- 29** **Name of the project:** CA?TEDRA de Ingenieri?a Software INSA-UEx
Degree of contribution: Researcher
Name principal investigator (PI, Co-PI....): Fernando Sánchez Figueroa
Nº of researchers: 7
Participating entity/entities: Universidad de Extremadura
Funding entity or bodies:
 Ingeniería de Software Avanzada **Type of entity:** Business
Start date: 01/07/2007 **Duration:** 1 year
Total amount: 135.694,99 €
- 30** **Name of the project:** Uso de Plataformas de Formación: Creando cursos en Moodle
Degree of contribution: Coordinator of total project, network or consortium
Name principal investigator (PI, Co-PI....): Roberto Rodríguez Echeverría



Nº of researchers: 1

Participating entity/entities: Universidad de Extremadura

Funding entity or bodies:

DIPUTACION PROVINCIAL DE BADAJOZ

City funding entity: Spain

Start date: 01/07/2007

Duration: 1 month

Total amount: 2.000 €

31 Name of the project: Herramientas para la gestión de la investigación, el desarrollo y la innovación (I+D+I) en software libre

Degree of contribution: Researcher

Name principal investigator (PI, Co-PI...): Fernando Sánchez Figueroa

Nº of researchers: 5

Participating entity/entities: Universidad de Extremadura

Funding entity or bodies:

Consejería de Infraestructuras y Desarrollo Tecnológico

Type of entity: Agencia autonómica

Start date: 15/03/2006

Duration: 9 months - 16 days

Total amount: 244.800 €

Results

Industrial and intellectual property

Title registered industrial property: Dispositivo de autocontrol para aeronaves con control remoto (RPA)

Inventors/authors/obtainers: Juan Carlos Preciado Rodríguez; Juan María Hernández Núñez; Fernando Sánchez Figueroa; José Enrique Moguel Márquez; José María Conejero Manzano; Roberto Rodríguez Echeverría

Entity holder of rights: Universidad de Extremadura

Nº of application: 201531575

Country of inscription: Spain

Date of register: 03/11/2015

Conferral date: 24/10/2017

Operating aut.region/region: Extremadura, Spain



Scientific and technological activities

Scientific production

1 **H index:** 11
Date of application: 2021
Fuente de Índice H: GOOGLE SCHOLAR

2 **H index:** 8
Date of application: 2021
Fuente de Índice H: SCOPUS

Publications, scientific and technical documents

1 Roberto Rodríguez Echeverría; Fernando Macías; Adrian Rutle; José M. Conejero Manzano. Suggesting model transformation repairs for rule-based languages using a contract-based testing approach. *Software and Systems Modeling*. pp. 1 - 32. Springer Nature, 23/02/2022.

Type of production: Scientific paper

Position of signature: 1

Total no. authors: 4

Impact source: ISI

Impact index in year of publication: 1.876

Position of publication: 45

Relevant publication: Yes

Format: Journal

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

Corresponding author: Yes

Category: Science Edition - COMPUTER SCIENCE, SOFTWARE ENGINEERING

Journal in the top 25%: No

No. of journals in the cat.: 108

2 Antonio Jesús Fernández García; Juan Carlos Preciado; Francisco Melchor; Roberto Rodríguez Echeverría; José María Conejero Manzano; Fernando Sánchez Figueroa. A Real-Life Machine Learning Experience for Predicting University Dropout at Different Stages Using Academic Data. *IEEE ACCESS*. 9, pp. 133076 - 133090. IEEE, 2021. Available on-line at: <<https://doi.org/10.1109/ACCESS.2021.3115851>>. ISSN 2169-3536

Type of production: Scientific paper

Position of signature: 4

Total no. authors: 6

Impact source: ISI

Impact index in year of publication: 3,745

Position of publication: 35

Relevant publication: Yes

Format: Journal

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

Corresponding author: No

Category: Science Edition - COMPUTER SCIENCE, INFORMATION SYSTEMS

Journal in the top 25%: Yes

No. of journals in the cat.: 156

3 Antonio Jesús Fernández García; Roberto Rodríguez Echeverría; Juan Carlos Preciado; José María Conejero Manzano; Fernando Sánchez Figueroa. Creating a Recommender System to Support Higher Education Students in the Subject Enrollment Decision. *IEEE ACCESS*. 8, pp. 189069 - 189088. IEEE, 2020. Available on-line at: <<https://doi.org/10.1109/ACCESS.2020.3031572>>. ISSN 2169-3536

Type of production: Scientific paper

Position of signature: 2

Format: Journal

**Total no. authors:** 5**Impact source:** ISI**Impact index in year of publication:** 3,745**Position of publication:** 35**Relevant publication:** Yes**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Corresponding author:** No**Category:** Science Edition - COMPUTER SCIENCE, INFORMATION SYSTEMS**Journal in the top 25%:** Yes**No. of journals in the cat.:** 156

- 4** Jos{é} Mar{i}a Conejero; Juan Carlos Preciado; Alvaro E. Prieto; Roberto Rodr{i}guez{-}Echeverr{i}a; Fernando S{á}nchez{-}Figuroa. LiveSankey: Advanced Web Visualization in Data Intelligence Multi Domain Contexts. J. Web Eng.19 - 2, pp. 109 - 138. 2020. Available on-line at: <<https://doi.org/10.13052/jwe1540-9589.1921>>. ISSN 1540-9589

DOI: 10.13052/jwe1540-9589.1921**Type of production:** Scientific paper**Position of signature:** 3**Total no. authors:** 5**Impact source:** ISI**Impact index in year of publication:** 0,396**Position of publication:** 106**Relevant publication:** Yes**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Category:** Science Edition - COMPUTER SCIENCE, SOFTWARE ENGINEERING**Journal in the top 25%:** No**No. of journals in the cat.:** 108

- 5** Álvaro Prieto; Adolfo Lozano Tello; Roberto Rodríguez Echeverría; Juan Carlos Preciado. A Hierarchical Adaptation Method for Administrative Workflows. IEEE ACCESS. 7, pp. 11066 - 11092. IEEE, 2019. Available on-line at: <<https://doi.org/10.1109/ACCESS.2019.2892679>>. ISSN 2169-3536

Type of production: Scientific paper**Position of signature:** 3**Total no. authors:** 4**Impact source:** ISI**Impact index in year of publication:** 3,745**Position of publication:** 35**Relevant publication:** Yes**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Corresponding author:** No**Category:** Science Edition - COMPUTER SCIENCE, INFORMATION SYSTEMS**Journal in the top 25%:** Yes**No. of journals in the cat.:** 156

- 6** Roberto Rodríguez Echeverría; Juan Carlos Preciado; Álvaro Rubio Largo; José María Conejero; Álvaro E. Prieto. A Pattern-based Development Approach for Interaction Flow Modeling Language. Scientific Programming. 2019, pp. 7904353:1 - 7904353:15. Hindawi, 2019. Available on-line at: <<https://doi.org/10.1155/2019/7904353>>.

Type of production: Scientific paper**Position of signature:** 1**Total no. authors:** 5**Impact source:** ISI**Impact index in year of publication:** 0.963**Position of publication:** 86**Relevant publication:** Yes**Format:** Journal**Corresponding author:** Yes**Category:** Science Edition - COMPUTER SCIENCE, SOFTWARE ENGINEERING**Journal in the top 25%:** No**No. of journals in the cat.:** 108

- 7** Jos{é} Mar{i}a Conejero; Roberto Rodr{i}guez{-}Echeverr{i}a; Juan Hern{á}ndez; Pedro J. Clemente; Carmen Ortiz{-}Caraballo; Elena Jurado; Fernando S{á}nchez{-}Figuroa. Early evaluation of technical debt impact on maintainability. *Journal of Systems and Software*. 142, pp. 92 - 114. 2018. Available on-line at: <<https://doi.org/10.1016/j.jss.2018.04.035>>. ISSN 0164-1212
DOI: 10.1016/j.jss.2018.04.035
Type of production: Scientific paper
Position of signature: 2
Total no. authors: 7
Impact source: ISI
Impact index in year of publication: 2.559
Position of publication: 26
Relevant publication: Yes
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Category: Software
Journal in the top 25%: Yes
No. of journals in the cat.: 107
- 8** José M. Conejero; Fernando Sánchez-Figuroa; Roberto Rodríguez-Echeverría; Juan Carlos Preciado. SCPL: A Social Cooperative Programming Language to Automate Cooperative Processes in (A)Symmetric Social Networks. *Symmetry*. 8 - 8, pp. 71 - 71. 2016. Available on-line at: <<http://www.mdpi.com/2073-8994/8/8/71>>. ISSN 2073-8994
DOI: <http://dx.doi.org/10.3390/sym8080071>
Type of production: Scientific paper
Position of signature: 3
Total no. authors: 4
Impact source: ISI
Impact index in year of publication: 0.841
Position of publication: 31
Relevant publication: Yes
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Category: Science Edition - MULTIDISCIPLINARY SCIENCES
Journal in the top 25%: No
No. of journals in the cat.: 62
- 9** José María Conejero; Roberto Rodríguez Echeverría; Fernando Sánchez Figuroa; Marino Linaje; Juan Carlos Preciado; P.J. Clemente. Re-engineering legacy Web applications into RIAs by aligning modernization requirements, patterns and RIA features. *Journal of Systems and Software*. 86 - 12, pp. 2981 - 2994. Elsevier, 2013. Available on-line at: <<http://dx.doi.org/10.1016/j.jss.2013.04.053>>. ISSN 0164-1212
DOI: <http://dx.doi.org/10.1016/j.jss.2013.04.053>
Type of production: Scientific paper
Position of signature: 2
Total no. authors: 5
Impact source: ISI
Impact index in year of publication: 1.25
Position of publication: 30
Relevant publication: Yes
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Category: Science Edition - COMPUTER SCIENCE, THEORY & METHODS
Journal in the top 25%: No
No. of journals in the cat.: 100
- 10** José María Conejero; Pedro José Clemente; Roberto Rodríguez Echeverría; Juan Hernández; Fernando Sánchez Figuroa. A Model-driven approach for reusing tests in smart home systems. *Personal and Ubiquitous Computing*. 15 - 4, pp. 317 - 327. Springer, 2011. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-79958018690&partnerID=MN8TOARS>>. ISSN 1617-4917
DOI: <http://dx.doi.org/10.1007/s00779-010-0352-2>
Type of production: Scientific paper
Position of signature: 3
Format: Journal

**Total no. authors:** 5**Impact source:** ISI**Impact index in year of publication:** 0.94**Position of publication:** 67**Relevant publication:** Yes**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Category:** Science Edition - COMPUTER SCIENCE, INFORMATION SYSTEMS**Journal in the top 25%:** No**No. of journals in the cat.:** 135

- 11** Marino Linaje; Adolfo Lozano Tello; Miguel Ángel Perez Toledano; Juan Carlos Preciado; Roberto Rodríguez Echeverría; Fernando Sanchez Figueroa. Providing RIA user interfaces with accessibility properties. *Journal of Symbolic Computation*. 46, pp. 207 - 217. Elsevier, 2011. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-77956472007&partnerID=MN8TOARS>>. ISSN 0747-7171

DOI: <http://dx.doi.org/10.1016/j.jsc.2010.08.008>**Type of production:** Scientific paper**Position of signature:** 5**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 6**Impact source:** ISI**Impact index in year of publication:** 0.71**Position of publication:** 58**Relevant publication:** Yes**Category:** Science Edition - COMPUTER SCIENCE, THEORY & METHODS**Journal in the top 25%:** No**No. of journals in the cat.:** 99

- 12** Roberto Rodríguez Echeverría; Javier Canovas; Manuel Wimmer; Jordi Cabot. Towards a Language Server Protocol Infrastructure for Graphical Modeling. *21st International Conference on Model Driven Engineering Languages and Systems (MODELS)*. pp. 370 - 380. ACM/IEEE, 2018. Available on-line at: <<https://doi.org/10.1145/3239372.3239383>>. ISBN 978-1-4503-4949-9

DOI: 10.1109/MODELS.2015.7338253**Type of production:** Book chapter**Position of signature:** 1**Format:** Book**Degree of contribution:** Author or co-author of chapter in book**Total no. authors:** 4**Relevant publication:** Yes**Corresponding author:** Yes

- 13** Roberto Rodríguez Echeverría; Fernando Macias. A Statistical Analysis Approach to Assist Model Transformation Evolution. *18th International Conference on Model Driven Engineering Languages and Systems (MODELS)*. pp. 226 - 235. ACM/IEEE, 2015.

DOI: 10.1109/MODELS.2015.7338253**Type of production:** Book chapter**Corresponding author:** Yes**Relevant publication:** Yes**Format:** Book

- 14** Roberto Rodríguez Echeverría; Fernando Macías Gómez de Villar; Víctor Pavón; José María Conejero Manzano; Fernando Sánchez Figueroa. Generating a REST Service Layer from a Legacy System. *Information System Development. Improving Enterprise Communication*. pp. 433 - 444. Springer International Publishing, 2014. ISBN 978-3-319-07214-2

DOI: 10.1007/978-3-319-07215-9_35**Type of production:** Book chapter**Position of signature:** 1**Format:** Book**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 5



Relevant publication: Yes

- 15** Roberto Rodríguez Echeverría; Fernando Macías; Víctor Pavón; José María Conejero Manzano; Pedro José Clemente Martín; Fernando Sánchez Figueroa. IFML-based Model-Driven Front-end Modernization. Information System Development: Transforming Organizations and Society through Information Systems. pp. 226 - 233. 2014. ISBN 978-953-6071-43-2

Type of production: Book chapter

Position of signature: 1

Format: Book

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

Total no. authors: 6

Relevant publication: Yes

- 16** Antonio J. Fernández García; Roberto Rodríguez Echeverría; Juan C. Preciado; Jorge Perianez; Juan Diego Gutiérrez. A hybrid multidimensional Recommender System for radio programs. Expert Systems With Applications (ESWA). 198, Elsevier, 2022. Available on-line at: <<https://doi.org/10.1016/j.eswa.2022.116706>>. ISSN 0957-4174

DOI: 10.1016/j.eswa.2022.116706

Type of production: Scientific paper

Position of signature: 2

Format: Journal

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

Corresponding author: No

Total no. authors: 5

Impact source: ISI

Category: Science Edition - COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE

Impact index in year of publication: 5.452

Position of publication: 21

Journal in the top 25%: Yes

No. of journals in the cat.: 137

- 17** José M. Conejero; Juan C. Preciado; Antonio J. Fernández García; Álvaro E. Prieto; Roberto Rodríguez Echeverría. Towards the use of Data Engineering, Advanced Visualization techniques and Association Rules to support knowledge discovery for public policies. Expert Systems With Applications (ESWA). 170, Elsevier, 2021. Available on-line at: <<https://doi.org/10.1016/j.eswa.2020.114509>>. ISSN 0957-4174

DOI: 10.1016/j.eswa.2020.114509

Type of production: Scientific paper

Corresponding author: No

Format: Journal

Impact source: ISI

Category: Science Edition - COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE

Impact index in year of publication: 5.452

Position of publication: 21

Journal in the top 25%: Yes

No. of journals in the cat.: 137

- 18** Juan C. Preciado; Álvaro E. Prieto Ramos; Rafael Benítez; Roberto Rodríguez Echeverría; José M. Conejero Manzano. A High-Frequency Data-Driven Machine Learning Approach for Demand Forecasting in Smart Cities. Scientific Programming. 2019, pp. 1 - 15. Hindawi, 2019. ISSN 1058-9244

Type of production: Scientific paper

Position of signature: 1

Format: Journal

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

Corresponding author: No

Total no. authors: 5

Impact source: ISI

Category: Science Edition - COMPUTER SCIENCE, SOFTWARE ENGINEERING

Impact index in year of publication: 0.963

Position of publication: 86

Journal in the top 25%: No

No. of journals in the cat.: 108

- 19** Fernando Macías; Uwe Wolter; Adrian Rutle; Francisco Durán; Roberto Rodríguez Echeverría. Multilevel coupled model transformations for precise and reusable definition of model behaviour. Journal of Logical and Algebraic Methods in Programming. 106, pp. 167 - 195. Elsevier, 2019. Available on-line at: <<https://doi.org/10.1016/j.jlamp.2018.12.005>>. ISSN 2352-2208
DOI: 10.1016/j.jlamp.2018.12.005
Type of production: Scientific paper
Position of signature: 5
Total no. authors: 5
Impact source: SCOPUS
Impact index in year of publication: 0.685
Position of publication: 10
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Category: LOGIC
Journal in the top 25%: No
No. of journals in the cat.: 21
- 20** Juan Carlos Preciado; Roberto Rodríguez Echeverría; José María Conejero; Fernando Sánchez-Figueroa; Alvaro E. Prieto. An Approach for Guesstimating the Deployment Cost in Cloud Infrastructures at Design Phase in Web Engineering. J. Web Eng.17 - &, pp. 224 - 240. 2018. Available on-line at: <<http://www.rintonpress.com/xjwe17/jwe-17-34/224-240.pdf>>. ISSN 1540-9589
Type of production: Scientific paper
Impact source: ISI
Impact index in year of publication: 0,854
Position of publication: 87
Format: Journal
Category: Science Edition - COMPUTER SCIENCE, SOFTWARE ENGINEERING
Journal in the top 25%: No
No. of journals in the cat.: 107
- 21** Fernando Macías; Adrian Rutle; Volker Stolz; Roberto Rodríguez Echeverría; Uwe Wolter. An Approach to Flexible Multilevel Modelling. Enterprise Modelling and Information Systems Architectures. 13, pp. 10:1 - 10:35. 2018. Available on-line at: <<https://doi.org/10.18417/emisa.13.10>>.
Type of production: Scientific paper
Format: Journal
- 22** Roberto Rodríguez Echeverría; Juan Carlos Preciado; Javier Sierra; José María Conejero; Fernando Sánchez-Figueroa. AutoCRUD: Automatic generation of {CRUD} specifications in interaction flow modelling language. Sci. Comput. Program.168, pp. 165 - 168. 2018. Available on-line at: <<https://doi.org/10.1016/j.scico.2018.09.004>>. ISSN 0167-6423
Type of production: Scientific paper
Position of signature: 1
Total no. authors: 5
Impact source: ISI
Impact index in year of publication: 1.088
Position of publication: 77
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Category: Science Edition - COMPUTER SCIENCE, SOFTWARE ENGINEERING
Journal in the top 25%: No
No. of journals in the cat.: 107
- 23** Enrique Moguel; José María Conejero; Fernando Sánchez-Figueroa; Juan Hernández Núñez; Juan Carlos Preciado; Roberto Rodríguez Echeverría. Towards the Use of Unmanned Aerial Systems for Providing Sustainable Services in Smart Cities. Sensors. 18 - 1, pp. 64 - 64. 2018. Available on-line at: <<https://doi.org/10.3390/s18010064>>.
Type of production: Scientific paper
Impact source: ISI
Impact index in year of publication: 3.031
Position of publication: 15
Format: Journal
Category: Science Edition - INSTRUMENTS & INSTRUMENTATION
Journal in the top 25%: Yes
No. of journals in the cat.: 61



- 24** Marino Linaje; Juan C. Preciado; Roberto Rodríguez Echeverría; José M. Conejero; Fernando Sánchez Figueroa. An SMIL-Timesheets based temporal behavior model for the visual development of web user interfaces. *Journal of Web Engineering*. 16 - 7 & 8, pp. 371 - 394. 2017.
Type of production: Scientific paper **Format:** Journal
Corresponding author: No
Impact source: ISI **Category:** Computer Science / Software Engineering
Impact index in year of publication: 0,580 **Journal in the top 25%:** No
Position of publication: 97 **No. of journals in the cat.:** 106
- 25** Encarna Sosa; Pedro J. Clemente; Álvaro Prieto; José M. Conejero; Roberto Rodríguez Echeverría. Migrando aplicaciones web legadas hacia arquitecturas orientadas a servicios (SOA) (MigraSOA: Migration of legacy web applications to service oriented architectures (SOA)). *IEEE Latin America Transactions*. 15, pp. 1306 - 1311. IEEE, 2017.
Type of production: Scientific paper **Format:** Journal
Impact source: ISI **Category:** Computer Science (miscellaneous)
Impact index in year of publication: 0,631 **Journal in the top 25%:** No
Position of publication: 135 **No. of journals in the cat.:** 146
- 26** Jose M Conejero; Juan Hernandez; Pedro J Clemente; Roberto Rodriguez Echeverria; Juan C Preciado; Fernando {Sanchez Figueroa}. Automatic Configuration of Video-Surveillance Applications: a Model-Driven Experience. *Latin America Transactions, IEEE (Revista IEEE America Latina)*. 13 - 8, pp. 2700 - 2708. 2015. ISSN 1548-0992
Type of production: Scientific paper **Format:** Journal
Impact source: ISI **Category:** COMPUTER SCIENCE, INFORMATION SYSTEMS
Impact index in year of publication: 0,326 **No. of journals in the cat.:** 139
Position of publication: 131
- 27** Roberto Rodríguez Echeverría; Fernando Macias; Víctor M. Pavón; José M. Conejero Manzano; Fernando Sanchez Figueroa. Legacy Web Application Modernization by Generating a REST Service Layer. *IEEE Latin America Transactions*. 13 - 7, pp. 2379 - 2383. IEEE, 2015. ISSN 1548-0992
Type of production: Scientific paper **Format:** Journal
Position of signature: 1 **Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 5 **Corresponding author:** Yes
Impact source: ISI **Category:** COMPUTER SCIENCE, INFORMATION SYSTEMS
Impact index in year of publication: 0.326 **Journal in the top 25%:** No
Position of publication: 131 **No. of journals in the cat.:** 139
- 28** Roberto Rodríguez Echeverría; Fernando Sánchez; José María Conejero; Javier Pedrero. Modeling reusable web business processes from an aspect oriented perspective | Modelando procesos de negocio web desde una perspectiva orientada a aspectos. *IEEE Latin America Transactions*. 3 - 1, pp. 98 - 103. IEEE REGION 9, 2005. ISSN 1548-0992
Type of production: Scientific paper **Format:** Journal
Position of signature: 1 **Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 4 **Category:** Science Edition - COMPUTER SCIENCE, INFORMATION SYSTEMS
Impact source: ISI **Journal in the top 25%:** No
Impact index in year of publication: 0.22



- 29** Fernando Sánchez; Roberto Rodríguez Echeverría; Juan Manuel Murillo; Juan Hernández. Adaptability of distribution protocols in object-oriented languages. *Ada User Journal*. 22 - 1, pp. 44 - 50. 2001. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0035266566&partnerID=MN8TOARS>>. ISSN 1381-6551
Type of production: Scientific paper
Position of signature: 2
Total no. authors: 4
Impact source: SCOPUS
Impact index in year of publication: 0.11
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Category: Computer Science (miscellaneous)
Journal in the top 25%: No
- 30** Jorge Perianez; Roberto Rodríguez Echeverría; Loli Burgueño; Jordi Cabot. Towards the optical character recognition of DSLs. *13th ACM SIGPLAN International Conference on Software Language Engineering*. pp. 126 - 132. ACM, 2020. Available on-line at: <<https://doi.org/10.1145/3426425.3426937>>. ISBN 978-1-4503-8176-5
DOI: 10.1145/3426425.3426937
Type of production: Book chapter
Position of signature: 2
Total no. authors: 4
Relevant publication: No
Format: Book
Degree of contribution: Author or co-author of chapter in book
Corresponding author: No
- 31** Alvaro E. Prieto; Adolfo Lozano Tello; Roberto Rodríguez Echeverría; Fernando Sánchez Figueroa. A Method for Systematic Adaptation and Synchronization of Healthcare Processes. *Transforming Healthcare Through Information Systems*. pp. 1 - 15. Springer International Publishing, 2016.
Type of production: Book chapter
Position of signature: 3
Total no. authors: 4
Format: Book
Degree of contribution: Author or co-author of chapter in book
Corresponding author: No
- 32** José María Conejero; Fernando Sánchez Figueroa; Luis M. García Rodríguez; Roberto Rodríguez Echeverría; Juan Carlos Preciado. SCPL: A Social Cooperative Programming Language to Automate Cooperative Processes. *Cooperative Design, Visualization, and Engineering, CDVE 2015, 12th International Conference*. pp. 118 - 125. Springer International Publishing, 2015. ISSN 0302-9743, ISBN 978-3-319-24131-9
Type of production: Book chapter
Position of signature: 3
Total no. authors: 5
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
- 33** Fernando Sánchez Figueroa; Juan Carlos Preciado; José María Conejero; Roberto Rodríguez Echeverría. Designing Cooperative Social Applications in Healthcare by Means of SocialBPM. *Cooperative Design, Visualization, and Engineering, CDVE 2014, 11th International Conference*. pp. 118 - 125. Springer International Publishing, 2014. ISBN 978-3-319-10830-8
Type of production: Book chapter
Position of signature: 4
Total no. authors: 4
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
- 34** Encarna Sosa; Pedro José Clemente; José María Conejero Manzano; Roberto Rodríguez Echeverría; Fernando Sánchez Figueroa. Service Discovery using a semantic algorithm in a SOA modernization process from legacy web applications. *Services 2014*. pp. 470 - 477. IEEE Computer Society, 2014. ISBN 978-1-4799-5069-0
Type of production: Book chapter
Position of signature: 4
Format: Book



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

Total no. authors: 5

- 35** Roberto Rodríguez Echeverría; V.M. Pavón; F. Macías; J.M. Conejero; P.J. Clemente; F. Sánchez-Figueroa. Generating a conceptual representation of a legacy web application. Web Information Systems Engineering (WISE 2013). 8181 LNCS - PART 2, pp. 231 - 240. Springer International Publishing, 2013. ISBN 978-3-642-41154-0

Type of production: Book chapter

Format: Book

Position of signature: 1

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

Total no. authors: 5

- 36** Roberto Rodríguez Echeverría; F. Macías; V.M. Pavón; J.M. Conejero; F. Sánchez-Figueroa. Model-driven generation of a REST API from a legacy web application. CURRENT TRENDS IN WEB ENGINEERING 2013. 8295 LNCS, pp. 133 - 147. Springer International Publishing, 2013. ISBN 978-3-319-04243-5

Type of production: Book chapter

Format: Book

Position of signature: 1

Total no. authors: 5

- 37** Roberto Rodríguez Echeverría; J.M. Conejero; P.J. Clemente; M.D. Villalobos; F. Sánchez-Figueroa. Extracting navigational models from struts-based web applications. 12th International Conference on Web Engineering, ICWE 2012. 7387 LNCS, pp. 419 - 426. 2012. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-84865150973&partnerID=MN8TOARS>>. ISBN 978-3-642-31752-1

Type of production: Book chapter

Format: Book

Position of signature: 1

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

Total no. authors: 5

- 38** Roberto Rodríguez Echeverría; J.M. Conejero; P.J. Clemente; V.M. Pavón; F. Sánchez-Figueroa. Model driven extraction of the navigational concern of legacy web applications. CURRENT TRENDS IN WEB ENGINEERING 2012. 7703 LNCS, pp. 56 - 70. Springer International Publishing, 2012. ISBN 978-3-642-35622-3

Type of production: Book chapter

Format: Book

Position of signature: 1

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

Total no. authors: 5

Relevant publication: No

- 39** Roberto Rodríguez Echeverría; J.M. Conejero; P.J. Clemente; J.C. Preciado; F. Sánchez-Figueroa. Modernization of legacy web applications into rich internet applications. CURRENT TRENDS IN WEB ENGINEERING. 2011. 7059 LNCS, pp. 236 - 250. Springer International Publishing, 2011. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-84857722510&partnerID=MN8TOARS>>. ISBN 978-3-642-27997-3

Type of production: Book chapter

Format: Book

Position of signature: 1

Total no. authors: 5

- 40** Roberto Rodríguez Echeverría; J.M. Conejero; M. Linaje; J.C. Preciado; F. Sánchez-Figueroa. Re-engineering legacy web applications into rich internet applications. International Conference in Web Engineering (ICWE 2010). 6189 LNCS, pp. 189 - 203. Springer International Publishing, 2010. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-77955042892&partnerID=MN8TOARS>>. ISBN 978-364213910-9

Type of production: Book chapter

Format: Book

**Position of signature:** 1**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 5

- 41** M. Linaje; J.C. Preciado; R. Morales-Chaparro; Roberto Rodríguez Echeverría; F. Sánchez-Figueroa. Automatic generation of RIAs using Rux-tool and webratio. international Conference in Web Engineering (ICWE 2009). 5648 LNCS, pp. 501 - 504. Springer International Publishing, 2009. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-70350217784&partnerID=MN8TOARS>>.

Type of production: Book chapter**Format:** Book**Position of signature:** 4**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 5

Works submitted to national or international conferences

- 1** **Title of the work:** Testing NLP-intensive bots: challenges and roadmap
Name of the conference: 3rd International Workshop on Bots in Software Engineering with ICSE2021
Corresponding author: No
City of event: Madrid, Spain
Date of event: 04/06/2021
End date: 04/06/2021
Organising entity: Universidad Politécnica de Madrid
Type of entity: University
City organizing entity: Madrid, Spain
 Jordi Cabot; Loli Burgueno; Robert Clariso; Gwendal Daniel; Jorge Perianez Pascual.
- 2** **Title of the work:** Towards a Conceptual Framework for the Specification of Reproducible and Replicable Data Analysis Projects
Name of the conference: Information Systems Development: Crossing Boundaries between Development and Operations (DevOps) in Information Systems (ISD2021 Proceedings).
Corresponding author: Yes
City of event: Valencia, Spain
Date of event: 2021
Organising entity: Universitat Politècnica de València
 Roberto Rodríguez Echeverría; José M. Conejero; Francisco J. Melchor; Juan D. Gutierrez; Álvaro E. Prieto.
- 3** **Title of the work:** An {LSP} infrastructure to build {EMF} language servers for web-deployable model editors
Name of the conference: MDE Tools in ACM/IEEE 21th International Conference on Model Driven Engineering Languages and System
City of event: Copenhagen, Denmark
Date of event: 2018
Type of contribution: Scientific book or monograph
 Roberto Rodríguez Echeverría; Javier Luis Cárnovas Izquierdo; Manuel Wimmer; Jordi Cabot. "Proceedings of {MODELS} 2018 Workshops: ModComp, MRT, OCL, FlexMDE, EXE, COMMitMDE, MDETools, GEMOC, MORSE, MDE4IoT, MDEbug, MoDeVva, ME, MULTI, HuFaMo, AMMoRe, {PAINS} co-located with {ACM/IEEE} 21st International Conference on Model Driven Engineering Languages and Systems ({MODELS} 2018), Copenhagen, Denmark, October, 14, 2018.". pp. 326 - 335. 2018. Available on-line at: <http://ceur-ws.org/Vol-2245/mdetools_paper_3.pdf>.



- 4** **Title of the work:** A First Step to Cloud Infrastructure Cost Estimation in Early Stages of Web Development.
Name of the conference: International Workshop on Advanced Practices in Model-Driven Web Engineering (APMDWE) in conjunction with the 13th International Conference on Web Information Systems and Technologies (WEBIST)
Type of event: Conference **Geographical area:** Non EU International
City of event: Oporto, Portugal
Date of event: 25/04/2017
End date: 27/04/2017
With external admission assessment committee: Yes
Type of contribution: Scientific paper
Rubén Martín; Juan C. Preciado; Roberto Rodríguez Echeverría; José M. Conejero; Fernando Sánchez Figueroa. En: 13th International Conference on Web Information Systems and Technologies (WEBIST). pp. 437 - 443. 2017. ISBN 978-989-758-246-2
- 5** **Title of the work:** On reducing model transformation testing overhead
Name of the conference: PAME/VOLT in ACM/IEEE 19th International Conference on Model Driven Engineering Languages and System
City of event: SAint-Malo, France
Date of event: 02/10/2016
End date: 03/10/2016
Roberto Rodríguez Echeverría; Fernando Macías; Adrian Rutle. "Joint Proceedings of the Second International Workshop on Patterns in Model Engineering and the Fifth International Workshop on the Verification of Model Transformation, PAME/VOLT 2016, co-located with ACM/IEEE 19th International Conference on Model Driven Engineering Languages and Systems (MoDELS 2016), Saint-Malo, France, October 2-3, 2016".
- 6** **Title of the work:** AUTOCRUD: automating IFML specification of CRUD operations
Name of the conference: International Workshop on Advanced Practices in Model-Driven Web Engineering (APMDWE) in conjunction with the 12th International Conference on Web Information Systems and Technologies (WEBIST)
Type of event: Conference **Geographical area:** Non EU International
City of event: Rome, Italy
Date of event: 23/04/2016
End date: 25/04/2016
With external admission assessment committee: Yes
Type of contribution: Scientific paper
Roberto Rodríguez Echeverría; José M. Conejero; Juan C. Preciado; Fernando Sánchez Figueroa. En: 12th International Conference on Web Information Systems and Technologies (WEBIST). pp. 307 - 314. 2016. ISBN 978-989-758-186-1
- 7** **Title of the work:** A Method for Systematic Adaptation and Synchronization of Healthcare Processes
Name of the conference: 24th International Conference on Information Systems Development
City of event: Harbin, China
Date of event: 2015
End date: 2015
Organising entity: Association for Information Systems **Type of entity:** Associations and Groups
Álvaro Prieto; Adolfo Lozano; Roberto Rodríguez Echeverría; Fernando Sánchez Figueroa.
- 8** **Title of the work:** A Model-Driven Process to Modernize Legacy
Name of the conference: 15th IEEE International Symposium on Web Systems Evolution (WSE2013) , 1, 61-70



Type of participation: Participatory - oral communication

City of event: Eindhoven,

Date of event: 2013

Encarna Sosa Sánchez; Pedro José Clemente Martín; José M^º Conejero Manzano; Roberto Rodríguez Echeve. 09/2013. Available on-line at: <Applications Based on Service-Oriented Architectures>. ISBN 978-1-4799-1608-5

9 Title of the work: Accessibility metrics of Web Pages for Blind End-Users

Name of the conference: III International Conference for Web Engineering

Type of participation: Participatory - oral communication

Date of event: 2003

J. González, M. Macías, R. Rodríguez, F. Sánchez. 05/07/2003.

10 Title of the work: A Model-Driven Approach to Test Home Automation and Ambient Intelligence Systems at Design Level

Name of the conference: IV International Symposium of Ubiquitous Computing and Ambient Intelligence (UCAml)

Type of participation: Participatory - oral communication

City of event: Valencia,

Conejero, J., Clemente, P., Rodríguez-Echeverría, R., Hernández J., Sánchez-Figueroa, F.09/2010. ISBN 978-84-92812-61-5

11 Title of the work: Adaptability Of Distribution Protocols Using The Disguises Model Approach

Name of the conference: International Symposium On Distributed Objects And Applications

Type of participation: Participatory - oral communication

F. Sánchez, J. Hernández, J.M. Murillo, J.L. Herrero, R. Rodríguez. 10/10/2000.

12 Title of the work: Automatic Generation of RIAs Using RUX-Tool and

Name of the conference: Web Engineering, 9th International Conference. ICWE 2009

Type of participation: Participatory - oral communication

Marino Linaje Trigueros, Juan Carlos Preciado, Rober Morales-Chaparro, Roberto Rodríguez-Echeverría,. 2009. Available on-line at: <ratio>.

13 Title of the work: Diseño y evaluación de actividades de aprendizaje para un curso de introducción a la programación

Name of the conference: XIII JENUI: Jornadas de Enseñanza Universitaria de la Informática

Type of participation: Participatory - oral communication

Clemente, P.J., Gómez, A., González-Rodríguez, J., Rodríguez-Echeverría, R., Sosa, E.16/07/2007.

14 Title of the work: Distribución De Objetos Transparente, Dinámica E Independiente

Name of the conference: IV Jornadas De Ingeniería Del Software Y Bases De Datos

F. Sánchez, J. Hernández, J.M. Murillo, R. Rodríguez. 10/10/1999.

15 Title of the work: Generacion dirigida por modelos de una API REST para una aplicacion

Name of the conference: Congreso Español de Informática (CEDI2013), Jornadas de Ingeniería del Software y Bases de Datos, 1, 255-260

Type of participation: Participatory - oral communication

City of event: Madrid,

Fernando Macías Gomez de Villar; Victor Manuel Pavón Rufino; Roberto Rodríguez Echeverría; Fernando. 09/2013. Available on-line at: <heredada>. ISBN 978-84-695-8310-4



- 16** **Title of the work:** MIGRACION DIRIGIDA POR MODELOS DE SISTEMAS
Name of the conference: XVI Jornadas de Ingeniería de Software y Bases de Datos (JISBD)
Type of participation: Participatory - oral communication
City of event: A Coruña,
Rodríguez-Echeverría, R., Conejero, J., Clemente, P., Preciado, J.C.09/2011. Available on-line at: <HEREDADOS A RICH INTERNET APPLICATIONS>. ISBN 978-84-92812-61-5
- 17** **Title of the work:** Model Integration on MDA based on ontology merging method
Name of the conference: 2nd Iberian Conference on Information Systems and Technologies
Type of participation: Participatory - oral communication
Lozano, A., Prieto, A., Rodríguez-Echeverría, R.2007.
- 18** **Title of the work:** Modelado Orientado a Aspectos de Patrones Hipermedia
Name of the conference: IX Jornadas de Ingeniería del Software y Bases de Datos
Type of participation: Participatory - oral communication
R. Rodríguez, F. Sánchez. 15/10/2003.
- 19** **Title of the work:** Modelado de Procesos de Negocio
Name of the conference: X Jornadas de Ingeniería del Software y Bases de Datos
Type of participation: Participatory - oral communication
Rodríguez-Echeverría, R., Conejero, J.M., Pedrero, J., Sánchez, F.15/10/2004. Available on-line at: <desde una Perspectiva Orientada a Aspectos>.
- 20** **Title of the work:** Obtaining accessible Rich Internet Applications by combining RUX-Method and SAW
Tipo de participación: Ponencia Congreso: 5th Int'l Workshop on Automated Specification and Verification of Marino Linaje, Adolfo Lozano-Tello, Juan Carlos Preciado, Fernando Sanchez-Figueroa and Roberto Rodr. 2009. Available on-line at: <Systems>.
- 21** **Title of the work:** On-line learning
Name of the conference: II International Conference on multimedia ICT's in Education
Type of participation: Participatory - oral communication
E. Sosa, P. Clemente, J. González, A. Prieto, R. Rodríguez. 12/12/2003.
- 22** **Title of the work:** Plataforma para la separación dinámica de aspectos
Name of the conference: I Congreso JavaHispano
Type of participation: Participatory - oral communication
J. Pedrero, R. Rodríguez, F. Sánchez, J.L. Herrero. 23/10/2003.
- 23** **Title of the work:** Student Progress Evaluation
Name of the conference: II International Conference on multimedia ICT's in Education
Type of participation: Participatory - oral communication
A. Prieto, P. Clemente, J. González, R. Rodríguez, E. Sosa. 12/12/2003. Available on-line at: <Tool>.
- 24** **Title of the work:** The Crosscutting Pattern: Analyzing the Modularity of Software Product Lines.
Name of the conference: 21st International Conference on Software Engineering and Knowledge Engineering (SEKE).
Type of participation: Participatory - oral communication
City of event: Boston,
Conejero, J., Hernández, J., Jurado, E., Clemente, P., Rodríguez, R.07/2009. ISBN 1-891706-24-1



- 25** **Title of the work:** Transparent Distribution In The Artavan
Name of the conference: Object-Oriented Business Solutions
Type of participation: Participatory - oral communication
F. Sánchez, J. Hernández, R. Rodríguez, P. Bachiller, A. Gazo, A. Gómez, J.L. González, M. Sánchez.
05/05/2001. Available on-line at: <Application Server>.
- 26** **Title of the work:** UML Profile Definition for Dealing with the Notification Aspect in Distributed Environments
Name of the conference: 6th International Workshop on Aspect-Oriented Modeling, In conjunction with the 4th Aspect-Oriented Software Development Conference
Type of participation: Participatory - oral communication
Conejero, J.M., Hernández, J.M., Rodríguez-Echeverría, R.2006.
- 27** **Title of the work:** Un proceso de modernización dirigido por modelos de sistemas
Name of the conference: Jornadas de Ingeniería de Software y Bases de Datos (JISBD 2012), 1, 471-476
Type of participation: Participatory - oral communication
City of event: Almería,
Encarna Sosa Sánchez; Pedro José Clemente Martín; José M^a Conejero Manzano; Roberto Rodríguez Echeve. 09/2012. Available on-line at: <heredados hacia SOAs>. ISBN 978-84-15487-28-9

R&D management and participation in scientific committees

Organization of R&D activities

- 1** **Title of the activity:** XXII Jornadas de Ingeniería del Software y Bases de Datos
Type of activity: Chair del Track Ingeniería Web y Sistemas Pervasivos
Convening entity: Universidad de La Laguna **Type of entity:** University
Start-End date: 19/07/2017 - 21/07/2017
- 2** **Title of the activity:** XXI Jornadas de Ingeniería del Software y Bases de Datos
Type of activity: Web Engineering Track chair
Convening entity: Universidad de Salamanca **Type of entity:** University
Start-End date: 13/09/2016 - 16/09/2016
- 3** **Title of the activity:** XX Jornadas de Ingeniería del Software y Bases de Datos
Type of activity: Web Engineering Track chair
Convening entity: Universidad de Cantabria **Type of entity:** University
Start-End date: 15/09/2015 - 17/09/2015
- 4** **Title of the activity:** XIX Jornadas de Ingeniería del Software y Bases de Datos
Type of activity: Web Engineering Track chair
Convening entity: Universidad de Cádiz **Type of entity:** University
Start-End date: 16/09/2014 - 19/09/2014
- 5** **Title of the activity:** I Workshop on Engineering Open Data (WEOD) held at ICWE2018
Type of activity: Evento científico **Geographical area:** Non EU International
Convening entity: Universidad de Extremadura **Type of entity:** University
City convening entity: Cáceres
Start date: 05/06/2018



R&D management

- 1 Name of the activity:** Adjunto al Vicerrectorado de Universidad Digital
Type of management: Group management
Performed tasks: Coordinación TI en la institución
Entity: Universidad de Extremadura
Start date: 09/03/2015
Type of entity: University
Duration: 4 years
- 2 Name of the activity:** Subdirector Técnico del Campus Virtual
Type of management: Management of body
Performed tasks: Jefe de la oficina técnica, responsable del proyecto, gestión equipo mantenimiento, desarrollo de planes formativos
Entity: Universidad de Extremadura
Start date: 20/10/2007
Type of entity: University
Duration: 11 years - 6 months
- 3 Name of the activity:** Director del Secretariado de Nuevas Tecnologías y Recursos Virtuales
Type of management: Management of body
Performed tasks: Gestión del desarrollo y mantenimiento del proyecto portal corporativo de la institución
Entity: Universidad de Extremadura
Start date: 04/04/2001
Type of entity: University
Duration: 3 years - 6 months - 19 days

Other achievements

Stays in public or private R&D centres

- 1 Entity:** Universitat Oberta de Catalunya
Faculty, institute or centre: Internet Interdisciplinary Institute
City of entity: Barcelona, Catalonia, Spain
Start-End date: 18/06/2017 - 18/07/2017
Duration: 1 month
Goals of the stay: Post-doctoral
Provable tasks: Research in the TIN2016 project
- 2 Entity:** Bergen University College (HiB)
City of entity: Bergen, Norway
Start-End date: 01/05/2016 - 31/07/2016
Duration: 3 months
Funding entity: Junta de Extremadura
Type of entity: 0
Goals of the stay: Post-doctoral
Provable tasks: Organización de Workshops; Trabajos enviados a revistas de impacto en el área
- 3 Entity:** Bergen University College (HiB)
City of entity: Bergen, Norway
Start-End date: 17/05/2015 - 17/08/2015
Duration: 3 months
Goals of the stay: Post-doctoral
Provable tasks: Organización de Workshops; Trabajos enviados a revistas de impacto en el área

de Extremadura; Universidad de Mondragón;
Universidad de Murcia; Universidad de Málaga;
Universidad de Sevilla; Universidad de Valladolid;
Universidad del País Vasco; Universitat Oberta de
Catalunya; Universitat Politècnica de Catalunya

Start date: 01/12/2014

Duration: 24 months