



Lola Burgueño

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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.

Lola Burgueño is an associate professor at the University of Malaga, Spain. Her research interests focus mainly on the field of Model-Driven Software Engineering. She has made contributions to the application of artificial intelligence techniques to improve software development processes; uncertainty management during the software design phase; model-based software testing, and the design of algorithms and tools for improving the performance of model transformations.

She obtained her PhD with honors in Computer Science from the University of Málaga in 2016. Her thesis, supervised by Prof. Vallecillo (University of Málaga) and Prof. Wimmer (Technological University of Vienna) addressed the field of Model-driven Engineering. Apart from her regular visits to Vienna, she spent 7 months in the United States as part of two research stays: 4 months at the University of Alabama under the supervision of Prof. Jeff Gray in 2014, and 3 months at Vanderbilt University with Prof. Gabor Karsai in 2016 as a postdoctoral researcher; and 6 months in Canada working together with Prof. Houari Sahraoui at the Université de Montréal in 2022. Between 2018 and 2020, she did a postdoc at UOC (Barcelona) and CEA LIST (Paris, France) fully funded by CEA LIST. From July 2020 until September 2023, she was a Juan de la Cierva Incorporación Fellow.

Her work has been of interest to the community, with papers published in the main venues (e.g., TSE, IST, SoSyM, CAiSE, or ICSE), some of which have been awarded. She is regularly invited to deliver keynote/talks in international events and courses and participate in PhD vivas and other committees. She has received regular invitations to Bellairs, Shonan and Dagstuhl workshops, and funded visits to research groups (e.g., TU Wien, Univ. of Rennes, UAntwerp). She maintains an active and continuous participation in international events, performing roles not only in their organization, but also as a member of its program board and committees. She has been the PC Chair of three international conferences and a national one. She is also in the Editorial Board of the SoSyM journal.

Some indicators of her research activity include:

- 25 journal papers, most of them indexed in JCR first or second quartiles (Q1, Q2) at the time of publication
- 11 conference papers published in top venues according to the GGS ranking: 5 in MODELS, 2 in RE, 1 in ICSSOC, 1 in CAiSE, 1 in ASE and 1 in ICSE-NIER
- 56 papers in peer-reviewed conferences, 48 international and 8 national (Spanish).
- 1 book chapter
- According to DBLP, she has 138 different co-authors.
- Her Google Scholar h-index is 23

She has supervised numerous final year projects (TFM, TFG), some of them in collaboration with companies. She has supervised two internships with a strong research focus, one of them funded by UOC internal competitive call.

Among the community service activities that she has carried out, it is worth mentioning:

- PC (co-)chair of ECMFA'21, SLE'22, JISBD'25 and ICWE'26- General chair of MODELS'26
- Chair/Organizer of 19 events (e.g., ACM SRC chair of ICSE'25, students volunteer chair of MODELS'21, publicity chair of SLE'20, workshop chair of STAF'19, Educators Symposium co-chair of MODELS'18, PhD Symposium chair of ICSOC'17, etc.)
- Steering committee member of SLE, MODELS and JISBD
- She started the MDE Intelligence workshop series and has been leading it in its 2019-2025 editions
- Editor of three SoSyM theme issues and one JSS special issue.
- PC member in 52 peer-reviewed events, including top-ranked venues such as ASE'24, MODELS'21, ICSE'21 AE, SEAA'21, MODELS'20 ACM SRC, QUATIC'20, ECMFA'20, ICMT'19 and SLE'19
- Regular reviewer in indexed journals such as TSE, TOSEM, JSS, EMSE, SoSyM, etc. She is member of the editorial board of the Software & System Modeling journal (JCR-indexed), Jan 2021-; and regular reviewer for the Spanish State Research Agency, 2021-. She has also acted as external reviewer for NSERC (major funding agency in Canada). She is a member of the Diversity & Inclusion WG of Informatics Europe.

During her career, she has received the following awards / recognitions:

- Best PhD Thesis at the ISDM track at JISBD'22
- Distinguished reviewer award (MODELS 2021)
- 2 Best paper awards (MODELS 2015 and 2018)
- Recipient of the competitive Spanish post-doctoral fellowship JdC-I
- Accessit to the National Best PhD Thesis, awarded by the Spanish Society of Software Engineering (SISTEDES).
- Bronze medal at the ACM Student Research Competition at MODELS 2015
- Awarded with two competitive pre-doctoral grants (FPI and FPU) to undertake her PhD.
- Best Graduate Student Award (Premio Extraordinario Fin de Carrera), 2010.

She has taught courses in official bachelor's and master's degrees at the University of Málaga, Marbella International University Centre (an English-speaking private university) and the Open University of Catalonia, as well as courses based on agreements with private companies such as Accenture.

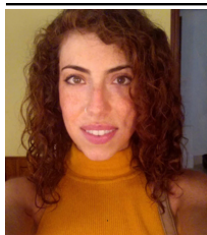


General quality indicators of scientific research

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.

Citations according to Scopus: 1133

Citations according to Google Scholar: 1882



Lola Burgueño

Surname(s): **Burgueño**
Name: **Lola**
ORCID: **0000-0002-7779-8810**
ScopusID: **55323008900**
ResearcherID: **L-3817-2014**
Gender: **Female**
Country of birth: **Spain**
Email: **lolaburgueno@uma.es**
Personal web page: **<http://lolaburgueno.github.io/>**

Current professional situation

Employing entity: Universidad de Málaga
Professional category: Profesor Titular de Universidad
City employing entity: Málaga, Spain
Start date: 05/05/2023
Type of contract: Permanent employment contract
Dedication regime: Full time
Primary (UNESCO code): 120311 - Computer software

Previous positions and activities

	Employing entity	Professional category	Start date
1	Universidad de Málaga	Profesor Contratado Doctor	16/11/2022
2	Universidad de Málaga	Profesor Ayudante Doctor	01/09/2022
3	Universitat Oberta de Catalunya	Senior Researcher and Lecturer	01/06/2020
4	Universitat Oberta de Catalunya & CEA LIST	Senior researcher	01/10/2018
5	Universidad de Málaga	Postdoctoral Researcher	29/04/2016
6	Marbella International University Centre	Lecturer	04/09/2017
7	Ministerio de Ciencia e Innovación. Investigación	PhD Candidate	02/01/2013
8	Universidad de Málaga	Research Engineer	16/11/2011

- 1** **Employing entity:** Universidad de Málaga
Professional category: Profesor Contratado Doctor
Start-End date: 16/11/2022 - 04/05/2023
- 2** **Employing entity:** Universidad de Málaga
Professional category: Profesor Ayudante Doctor
Start-End date: 01/09/2022 - 15/11/2022



- 3** **Employing entity:** Universitat Oberta de Catalunya
Professional category: Senior Researcher and Lecturer
Start-End date: 01/06/2020 - 31/08/2022
Type of entity: University
- 4** **Employing entity:** Universitat Oberta de Catalunya & CEA LIST
Professional category: Senior researcher
Start-End date: 01/10/2018 - 30/06/2020
- 5** **Employing entity:** Universidad de Málaga
Professional category: Postdoctoral Researcher
Start-End date: 29/04/2016 - 30/09/2018
Type of entity: University
- 6** **Employing entity:** Marbella International University Centre
Professional category: Lecturer
Start-End date: 04/09/2017 - 27/11/2017
- 7** **Employing entity:** Ministerio de Ciencia e Innovación. Investigación
Professional category: PhD Candidate
Start-End date: 02/01/2013 - 28/04/2016
Type of entity: Ministerio
- 8** **Employing entity:** Universidad de Málaga
Professional category: Research Engineer
Start-End date: 16/11/2011 - 31/12/2012



Education

University education

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

- 1** **University degree:** Higher degree
Name of qualification: Master's degree in Software Engineering and Artificial Intelligence
Degree awarding entity: Universidad de Málaga **Type of entity:** University
Date of qualification: 24/09/2012
- 2** **University degree:** Higher degree
Name of qualification: Bachelor's degree in Computer Science and Engineering
Degree awarding entity: Universidad de Málaga **Type of entity:** University
Date of qualification: 23/09/2011
- 3** **University degree:** Higher degree
Name of qualification: Bachelor's degree in Technical Engineering in Computer Science (Ingeniería Técnica en Informática de Gestión)
Degree awarding entity: Universidad de Málaga **Type of entity:** University
Date of qualification: 08/07/2010
Prize: Special award for degree

Doctorates

Doctorate programme: Software Engineering and Artificial Intelligence
Degree awarding entity: Universidad de Málaga **Type of entity:** University
Date of degree: 28/04/2016

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** **Name of the course:** Fundamentos de la Informática
University degree: Grado en Ingeniería en Tecnologías Industriales
Start date: 2022 **End date:** 2023
Entity: Universidad de Málaga **Type of entity:** University
Faculty, institute or centre: Escuela Técnica Superior de Ingeniería Industrial
- 2** **Name of the course:** Laboratorio de Desarrollo de Aplicaciones Empresariales
University degree: Máster Universitario en Ingeniería de Telecomunicación
Start date: 2022 **End date:** 2023
Entity: Universidad de Málaga **Type of entity:** University
Faculty, institute or centre: Escuela Técnica Superior de Ingeniería de Telecomunicación
- 3** **Name of the course:** Programación Orientada a Objetos
University degree: Grado en Ingeniería Informática
Start date: 2022 **End date:** 2023
Entity: Universidad de Málaga **Type of entity:** University
Faculty, institute or centre: Escuela Técnica Superior de Ingeniería Informática
- 4** **Name of the course:** Programación Orientada a Objetos
University degree: Grado en Ingeniería de Computadores
Start date: 2022 **End date:** 2023
Entity: Universidad de Málaga **Type of entity:** University
Faculty, institute or centre: Escuela Técnica Superior de Ingeniería Informática
- 5** **Name of the course:** Programación Orientada a Objetos
University degree: Grado en Ingeniería de la Salud
Start date: 2022 **End date:** 2023
Entity: Universidad de Málaga **Type of entity:** University
Faculty, institute or centre: Escuela Técnica Superior de Ingeniería Informática
- 6** **Name of the course:** Ingeniería de Requisitos
University degree: Graduado o Graduada en Ingeniería Informática
Start date: 2020 **End date:** 2022
Entity: Universitat Oberta de Catalunya **Type of entity:** University
- 7** **Name of the course:** Análisis y Diseño con Patrones
University degree: Graduado o Graduada en Ingeniería Informática
Start date: 2019 **End date:** 2022
Entity: Universitat Oberta de Catalunya **Type of entity:** University
- 8** **Name of the course:** Desarrollo de aplicaciones para dispositivos Android
University degree: Master universitario Desarrollo de Aplicaciones para Dispositivos Móviles
Start date: 2020 **End date:** 2021
Entity: Universitat Oberta de Catalunya **Type of entity:** University



- 9** **Name of the course:** Information Systems and Business Analytics
University degree: International Business
Start date: 2018 **End date:** 2017
Entity: Marbella International University Centre **Type of entity:** University
- 10** **Name of the course:** Business Intelligence and Decision Making
University degree: International Business
Start date: 2017 **End date:** 2017
Entity: Marbella International University Centre **Type of entity:** University
- 11** **Name of the course:** Métodos formales para la ingeniería del software
University degree: Grado en Ingeniería del Software
Start date: 2017 **End date:** 2017
Entity: Universidad de Málaga **Type of entity:** University
Faculty, institute or centre: Escuela Técnica Superior de Ingeniería Informática
- 12** **Name of the course:** Ingeniería Web: Modelado
University degree: Máster Propio en Ingeniería Web RIATec
Start date: 2015 **End date:** 2017
Entity: Universidad de Málaga **Type of entity:** University
Faculty, institute or centre: Escuela Técnica Superior de Ingeniería Informática
- 13** **Name of the course:** Information and Communication Technology Applied to Occupational Therapy
University degree: Grado en Terapia Ocupacional
Start date: 2015 **End date:** 2016
Entity: Universidad de Málaga **Type of entity:** University
Faculty, institute or centre: Escuela Técnica Superior de Ingeniería Informática
- 14** **Name of the course:** Informática
University degree: Grado en Biología
Start date: 2015 **End date:** 2016
Entity: Universidad de Málaga **Type of entity:** University
Faculty, institute or centre: Escuela Técnica Superior de Ingeniería Informática
- 15** **Name of the course:** Ingeniería de Requisitos
University degree: Grado en Ingeniería del Software
Start date: 2015 **End date:** 2016
Entity: Universidad de Málaga **Type of entity:** University
Faculty, institute or centre: Escuela Técnica Superior de Ingeniería Informática
- 16** **Name of the course:** Introducción a la Ingeniería del Software
University degree: Grado en Ingeniería del Software
Start date: 2014 **End date:** 2015
Entity: Universidad de Málaga **Type of entity:** University
Faculty, institute or centre: Escuela Técnica Superior de Ingeniería Informática
- 17** **Name of the course:** Programación Orientada a Objetos
University degree: Grado en Ingeniería Informática
Start date: 2014 **End date:** 2015
Entity: Universidad de Málaga **Type of entity:** University
Faculty, institute or centre: Escuela Técnica Superior de Ingeniería Informática

Experience supervising doctoral thesis and/or final year projects

- 1** **Project title:** Análisis de redes sociales usando procesamiento de lenguaje natural para la detección de eventos en ciudades inteligentes
Entity: Universidad de Málaga **Type of entity:** University
Student: Paula Cosano López
Date of reading: 21/09/2023
- 2** **Project title:** Construcción de una habitación inteligente para su uso con gemelos digitales
Entity: Universidad de Málaga **Type of entity:** University
Student: Saúl Jurado Sánchez
Date of reading: 21/09/2023
- 3** **Project title:** Desarrollo de una aplicación web con Python para la gestión de un almacén
Entity: Universidad de Málaga **Type of entity:** University
Student: Gerardo Ramos Pérez
Date of reading: 21/09/2023
- 4** **Project title:** Análisis de sentimientos en redes sociales para su aplicación a ciudades inteligentes
Entity: Universidad de Málaga **Type of entity:** University
Student: Rafael Reyes Podadera
Date of reading: 04/07/2023
- 5** **Project title:** Incorporación de incertidumbre de la medida en modelos UML para la industria 4.0
Entity: Universidad de Málaga **Type of entity:** University
Student: Juan Jose Guerrero Ruiz
Date of reading: 14/10/2019
- 6** **Project title:** Simulación de Diagramas de Secuencia con la herramienta de modelado USE
Entity: Universidad de Málaga **Type of entity:** University
Student: Paula Muñoz Ariza
Date of reading: 18/07/2019
- 7** **Project title:** Extensión de USE para soportar incertidumbre de medida en los datos primitivos OCL/UML
Entity: Universidad de Málaga **Type of entity:** University
Student: Víctor Manuel Ortiz Guardado
Date of reading: 16/07/2019
- 8** **Project title:** Aplicación Android para la derivación de pacientes en urgencias y estimación del tiempo de espera
Type of project: End of course project
Entity: Universidad de Málaga **Type of entity:** University
Student: Trinidad Castillo Castillo
Date of reading: 11/07/2018
- 9** **Project title:** Sistema de información para la gestión de socios SISTEDES
Type of project: End of course project
Entity: Universidad de Málaga **Type of entity:** University
Student: Sergio Torres Tellez
Date of reading: 11/07/2018



- 10** **Project title:** Árbol Genealógico de la Informática
Type of project: End of course project
Entity: Universidad de Málaga **Type of entity:** University
Student: Francisco Javier Pérez Jorge
Date of reading: 11/07/2018
- 11** **Project title:** Análisis Estático de Programas de Procesamiento de Eventos Complejos
Entity: Universidad de Málaga **Type of entity:** University
Student: Adrian García López
Date of reading: 11/07/2018
- 12** **Project title:** Análisis ambiental para actividades deportivas en la ciudad de Málaga, usando procesamiento de eventos complejos
Type of project: End of course project
Entity: Universidad de Málaga **Type of entity:** University
Student: Alejandro Ruiz Lara
Obtained qualification: Matricula de Honor
Date of reading: 21/02/2018
- 13** **Project title:** Implementación de la arquitectura Kappa para el cálculo de métricas en tiempo real sobre streams de datos
Type of project: End of course project
Entity: Universidad de Málaga **Type of entity:** University
Student: Álvaro Martín Lozano
Date of reading: 22/12/2017
- 14** **Project title:** Ongoing
Entity: Universidad de Extremadura **Type of entity:** University
Student: Jorge Perianez Pascual

Courses and seminars given

- 1** **Type of event:** Curso
Name of the event: Curso de desarrollo de aplicaciones web usando Java y DevOps
Organising entity: Universidad de Málaga y Accenture
Hours of teaching: 24
Teaching date: 2017
- 2** **Type of event:** Curso
Name of the event: Nuevas tendencias en el diseño y desarrollo de aplicaciones usando tecnologías Java
Organising entity: Universidad de Málaga y Coritel
Hours of teaching: 24
Teaching date: 2016

Materials and other teaching or educational publications.

- 1** Loli Burgueño; Antonio Vallecillo; Martin Gogolla. Teaching UML and OCL models and their validation to software engineering students: an experience report, Teaching UML and OCL models and their validation to software engineering students: an experience report. 28 - 1, pp. 23 - 41. Journal Computer Science Education. Taylor & Francis. 30/03/2018. Available on-line at: <<https://www.tandfonline.com/doi/full/10.1080/08993408.2018.1462000>>.

Name of the materials: Teaching UML and OCL models and their validation to software engineering students: an experience report

Date of drafting: 30/03/2018

Format: Article(s)

Corresponding author: Yes
- 2** Loli Burgueño; Antonio Vallecillo; Martin Gogolla. Teaching Model View with UML and OCL, Teaching Model View with UML and OCL. pp. 529 - 534. CEUR WS. 17/12/2017.

Name of the materials: Teaching Model View with UML and OCL

Date of drafting: 11/2017

Format: Article(s)

Corresponding author: Yes
- 3** Burgueño 1; Cánovas Izquierdo; Planas 3. An empirical study on the impact of introducing a modeling tool in a Requirement Engineering course, An empirical study on the impact of introducing a modeling tool in a Requirement Engineering course. ACM.

Name of the materials: An empirical study on the impact of introducing a modeling tool in a Requirement Engineering course

Format: Article(s)

Corresponding author: Yes
- 4** Burgueño 1; Cánovas Izquierdo 2; Planas 3; Cabot. Introducción de una herramienta OCL en la asignatura de Ingeniería de Requisitos, Introducción de una herramienta OCL en la asignatura de Ingeniería de Requisitos.

Name of the materials: Introducción de una herramienta OCL en la asignatura de Ingeniería de Requisitos

Corresponding author: Yes

Scientific and technological experience

Scientific or technological activities

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

- 1** **Name of the project:** IPSCA: Including people in smart city applications
Entity where project took place: Universidad de Málaga **Type of entity:** University
Name principal investigator (PI, Co-PI....): Antonio Vallecillo Moreno; Carlos Canal
Funding entity or bodies:
MICINN (PID2021-125527NB-I00)
Type of participation: Team member
Start-End date: 01/09/2022 - 31/08/2026
- 2** **Name of the project:** PRETEST: Ingeniería del software, testing, pruebas automáticas, gamificación, aprendizaje por refuerzo
Entity where project took place: Universidad de Málaga **Type of entity:** University
Name principal investigator (PI, Co-PI....): Lola Burgueño Caballero
Nº of researchers: 7
Funding entity or bodies:
Universidad de Málaga **Type of entity:** University
Type of participation: Team member
Start-End date: 01/01/2024 - 31/12/2025
Total amount: 4.000 €
- 3** **Name of the project:** SoCUS: Computación social para aplicaciones de sostenibilidad urbana
Entity where project took place: Universidad de Málaga **Type of entity:** University
Name principal investigator (PI, Co-PI....): Javier Camara Moreno; Javier Troya Castilla
Funding entity or bodies:
MICINN (TED2021-130523B-I00)
Type of participation: Team member
Start-End date: 01/12/2022 - 30/11/2024
Total amount: 192.280 €
- 4** **Name of the project:** Development of Software Assistants with AI Capabilities
Entity where project took place: Universitat Oberta de Catalunya **Type of entity:** University
Name principal investigator (PI, Co-PI....): Burgueño
Nº of researchers: 2
Funding entity or bodies:
Universitat Oberta de Catalunya **Type of entity:** University
Start-End date: 01/09/2021 - 30/06/2022



Total amount: 4.500 €

- 5** **Name of the project:** Open data para todos: Una infraestructura basada en APIs para la explotación de fuentes de datos online
Entity where project took place: Universitat Oberta de Catalunya **Type of entity:** University
City of entity: Barcelona, Catalonia, Spain
Name principal investigator (PI, Co-PI....): Jordi Cabot Sagrera
Nº of researchers: 7
Funding entity or bodies: MINISTERIO DE ECONOMÍA, INDUSTRIA Y COMPETITIVIDAD (TIN2016-75944-R)
Type of participation: Team member
Start-End date: 01/04/2017 - 30/06/2021 **Duration:** 4 years
Total amount: 117.906 €
- 6** **Name of the project:** Red Temática en Ingeniería del Software Dirigida por Modelos
Name principal investigator (PI, Co-PI....): Robert Clarisó Viladrosa
Funding entity or bodies: MINISTERIO DE EDUCACION Y CIENCIA
City funding entity: Spain
Start-End date: 01/07/2017 - 30/06/2019
Participating entity/entities: FUNDACIO PER A LA UNIVERSITAT OBERTA DE CATALUNYA; Ikerlan; OPEN CANARIAS, S.L.; Universidad Autónoma de Madrid; Universitat Politècnica de València; Universidad Rey Juan Carlos; Universidad de Castilla-La Mancha; Universidad de Extremadura; Universidad de Murcia; Universidad de Málaga; Universitat Politècnica de Catalunya; etc.
Total amount: 15.000 €
- 7** **Name of the project:** COST Action IC1404: Multi-Paradigm Modelling for Cyber-Physical Systems (MPM4CPS)
Entity where project took place: Participants in: <https://www.cost.eu/actions/IC1404/#tabs|Name:parties>
Funding entity or bodies: EU COST Action number IC1404 **Type of entity:** COST
Start-End date: 25/11/2014 - 24/11/2018
Participating entity/entities: Hasso Plattner Institute for Software Systems Engineering; INESC-ID Lisboa; Universidad de Málaga; Universidade Nova de Lisboa; Universiteit Antwerpen; University of Novi Sad; University of Twente; fortiss GmbH; <https://www.cost.eu/actions/IC1404/#tabs|Name:management-committee>
Total amount: 76.000.000 €
- 8** **Name of the project:** POLYCIMS: Un marco dirigido por modelos para el diseño e integración de Sistemas de Gestión de Infraestructuras Críticas
Entity where project took place: Universidad de Málaga **Type of entity:** University
Name principal investigator (PI, Co-PI....): Antonio Vallecillo Moreno; Manuel Díaz Rodríguez
Nº of researchers: 12
Funding entity or bodies: MICINN (TIN2014-52034-R)
Type of participation: Team member
Start-End date: 26/05/2015 - 26/05/2018
Total amount: 179.300 €

- 9** **Name of the project:** WIMACS: Sistemas Inalámbricos de Gestión de Información Crítica
Entity where project took place: Universidad de Málaga **Type of entity:** University
City of entity: Málaga, Andalusia, Spain
Name principal investigator (PI, Co-PI....): Manuel Díaz Rodríguez
N° of researchers: 18
Funding entity or bodies: MICINN (TIN2011-23795)
Start-End date: 01/01/2012 - 31/12/2014
Total amount: 129.228 €
Applicant's contribution: Becaria FPI
- 10** **Name of the project:** Red Científico-Tecnológica en Ciencias de los Servicios
City of entity: Spain
Name principal investigator (PI, Co-PI....): Rubén Fuentes Fernández
Funding entity or bodies: CENTRO DE ACUSTICA APLICADA Y EVALUACION NO DESTRUCTIVA **Type of entity:** Associations and Groups
Ministerio de Economía y Competitividad **Type of entity:** State agency
(TIN2011-15497-E)
Start-End date: 01/09/2012 - 24/06/2014
Participating entity/entities: U. Rey Juan Carlos, U. de Castilla-La Mancha, U. de Extremadura, U. de la Laguna, U. de Cádiz, U. de Málaga, U. de Santiago de Compostela, U. de Sevilla, U. de Zaragoza, U. del País Vasco, U. Politéc
Total amount: 18.000 €
- 11** **Name of the project:** MDD-MERTS : Diseño y Monitorización Dirigido por Modelos de Sistemas Empotrados y de Tiempo Real
Entity where project took place: Universidad de Málaga **Type of entity:** University
City of entity: Málaga, Andalusia, Spain
Name principal investigator (PI, Co-PI....): Antonio Vallecillo Moreno
N° of researchers: 19
Funding entity or bodies: CENTRO DE ACUSTICA APLICADA Y EVALUACION NO DESTRUCTIVA **Type of entity:** Associations and Groups
MICINN (TIN2008-03107) **Type of entity:** State agency
Start-End date: 01/01/2009 - 30/06/2012
Total amount: 268.620 €
- 12** **Name of the project:** Low-code development of smart software (PID2020-114615RB-I00)
Entity where project took place: Universitat Oberta de Catalunya **Type of entity:** University
Name principal investigator (PI, Co-PI....): Clarisó; Cabot
Funding entity or bodies: Ministerio de Ciencia e Innovación **Type of entity:** PID2020-114615RB-I00
Start date: 01/09/2021 **Duration:** 3 years
Total amount: 56.870 €



Applicant's contribution: Equipo de investigación

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

Name of the project: Model-IA. The beginnings of cognified MDE Platform

Degree of contribution: Researcher

Nº of researchers: 3

Participating entity/entities: CEA LIST; Universitat Oberta de Catalunya

Funding entity or bodies:

CEA LIST (Ref. S32228)

Start date: 01/10/2018

Duration: 21 months

Total amount: 100.000 €

Scientific and technological activities

Scientific production

- 1** **H index:** 23
Date of application: 15/11/2025
Source of H-Index: GOOGLE SCHOLAR
- 2** **H index:** 18
Date of application: 15/11/2025
Source of H-Index: SCOPUS

Publications, scientific and technical documents

- 1** Automation in Model-Driven Engineering: A Look Back, and Ahead. ACM Transactions on Software Engineering and Methodology. 122, pp. 1 - 25. 2025.
Type of production: Scientific paper
Format: Journal
Corresponding author: Yes
- 2** Leveraging belief uncertainty for informed decision making in software product line evolution. Journal of Systems and Software. 219 - 112235, pp. 1 - 17. 2025.
Type of production: Scientific paper
Format: Journal
Corresponding author: Yes
- 3** Gunter Mussbacher; Benoit Combemale; Jörg Kienzle; Lola Burgueno; et al. Polyglot Software Development: Wait, What?. IEEE Software. 41 - 4, pp. 124 - 133. 2024.
Type of production: Scientific paper
Format: Journal
Corresponding author: No
- 4** Javier Camara; Lola Burgueño; Javier Troya. Towards standardized benchmarks of LLMs in software modeling tasks: a conceptual framework. Software & Systems Modeling (SoSyM). 22 - 3, Springer, 2024.
Type of production: Scientific paper
Format: Journal
Corresponding author: No

- 5** Javier Troya; Sergio Segura; Lola Burgueño; Manuel Wimmer. Model Transformation Testing and Debugging: A Survey. ACM Computing Surveys. 55(4) - 4, pp. 72:1 - 72:39. 2023.
Type of production: Scientific paper **Format:** Journal
Corresponding author: No
- 6** Javier Camara; Javier Troya; Lola Burgueño; Antonio Vallecillo. On the assessment of generative AI in modeling tasks: an experience report with ChatGPT and UML. Software & Systems Modeling (SoSyM). 22 - 3, pp. 781 - 793. Springer, 2023.
Type of production: Scientific paper **Format:** Journal
Corresponding author: No
- 7** Maxime Sabary-Leblanc; Lola Burgueño; Jordi Cabot; Xavier Le Pallec; Sebastien Gerard. Software assistants in software engineering: A systematic mapping study. Software Practice and Experience. 53 - 3, pp. 856 - 892. 2023.
Type of production: Scientific paper **Format:** Journal
Corresponding author: No
- 8** Loli Burgueño; Paula Muñoz; Robert Clarisó; Jordi Cabot; Sebastien Gerard; Antonio Vallecillo. Dealing with belief uncertainty in domain models. ACM Transactions on Software Engineering and Methodology. 2022.
Type of production: Scientific paper **Format:** Journal
Corresponding author: Yes
- 9** Robert Clarisó; Lola Burgueño; Jordi Cabot. Managing Design-time Uncertainty in OCL Expressions. Journal of Object Technology. 21 - 4, pp. 4:1 - 4:10. 2022.
Type of production: Scientific paper **Format:** Journal
Corresponding author: No
- 10** Loli Burgueño; Jordi Cabot; Shuai Li; Sébastien Gérard. A Generic LSTM Neural Network Architecture to Infer Heterogeneous Model Transformations. Software & Systems Modeling (SoSyM). Springer, 2021.
Type of production: Scientific paper **Format:** Journal
Corresponding author: Yes
- 11** Jesús Sánchez-Cuadrado; Loli Burgueño; Manuel Wimmer; Antonio Vallecillo. Efficient execution of ATL model transformations using static analysis and parallelism. IEEE Transactions on Software Engineering. 2021.
Type of production: Scientific paper **Format:** Journal
Corresponding author: No
- 12** Paula Muñoz; Loli Burgueño; Víctor Ortiz; Antonio Vallecillo. Extending OCL with Subjective Logic. Journal of Object Technology. 3, pp. 1 - 15. AITO (Association Internationale pour les Technologies Objets), 10/2020.
Type of production: Scientific paper **Format:** Journal
Corresponding author: No
- 13** Gunter Mussbacher; Benoit Combemale; Jörg Kienzle; Silvia Abrahão; Hyacinth Ali; Nelly Bencomo; Márton Búr; Loli Burgueño; Gregor Engels; Pierre Jeanjean; Jean-Marc Jézéquel; Thomas Kühn; Sébastien Mosser; Houari Sahraoui; Eugene Syriani; Dániel Varró; Martin Weyssow. Opportunities for Intelligent Modeling Assistance. Software & System Modeling. 19 - 5, pp. 1045 - 1053. Springer, 06/2020.
Type of production: Scientific paper **Format:** Journal
Corresponding author: No
- 14** Loli Burgueño; Jordi Cabot; Sébastien Gerard. The Future of Model Transformation Languages: An Open Community Discussion. Journal of Object Technology. AITO (Association Internationale pour les Technologies Objets), 10/2019.
Type of production: Scientific paper **Format:** Journal
Corresponding author: Yes



- 15** Loli Burgueño; Federico Ciccozzi; Michalis Famelis; Gerti Kappel; Leen Lambers; Sebastien Mosser; Richard F. Paige; Alfonso Pierantonio; Arend Resink; Rick Salay; Gabriele Taentzer; Antonio Vallecillo; Manuel Wimmer. Contents for a Model-Based Software Engineering Body of Knowledge. Software & System Modeling. Springer, 18/07/2019.
Type of production: Scientific paper **Format:** Journal
Corresponding author: No
- 16** Manuel F. Bertoa; Loli Burgueño; Nathalie Moreno; Antonio Vallecillo. Incorporating measurement uncertainty into OCL/UML primitive datatypes. Software & System Modeling. Springer, 04/07/2019.
Type of production: Scientific paper **Format:** Journal
Corresponding author: Yes
- 17** Nathalie Moreno; Manuel F. Bertoa; Loli Burgueño; Antonio Vallecillo. Managing Measurement and Occurrence Uncertainty in Complex Event Processing Systems. IEEE Access. 7, pp. 88026 - 88048. 19/06/2019.
Type of production: Scientific paper **Format:** Journal
Corresponding author: No
- 18** Loli Burgueño; Tanja Mayerhofer; Manuel Wimmer; Antonio Vallecillo. Specifying quantities in software models. Information and Software Technology. 113, pp. 82 - 97. Information and Software Technology, 13/06/2019.
Type of production: Scientific paper **Format:** Journal
Corresponding author: Yes
- 19** David Ameller; Xavier Franch; Cristina Gomez; Silverio Martínez-Fernandez; Joao Araujo; Stefan Biff; Jordi Cabot; Vittorio Cortellessa; Daniel Méndez Fernández; Ana Moreira; Henry Muccini; Loli Burgueño; Manuel Wimmer; Vasco Amaral; Wolfgang Bohm; Hugo Bruneliere; Antonio Vallecillo; Miguel Goulao; Sabine Teufel; Luca Berardinelli. Dealing with Non-Functional Requirements in Model-Driven Development: A Survey. IEEE Transactions on Software Engineering. 12/03/2019.
Type of production: Scientific paper **Format:** Journal
Corresponding author: No
- 20** Frank Hilken; Martin Gogolla; Loli Burgueño; Antonio Vallecillo. Testing Models and Model Transformations using Classifying Terms. Software & System Modeling. 17 - 3, pp. 885 - 912. 19/06/2018.
Type of production: Scientific paper **Format:** Journal
- 21** Loli Burgueño; Juan Boubeta Puig; Antonio Vallecillo. Formalizing Complex Event Processing Systems in Maude. IEEE Access. 6, pp. 23222 - 23241. 27/04/2018.
Type of production: Scientific paper **Format:** Journal
Corresponding author: Yes
- 22** Loli Burgueño; Antonio Vallecillo; Martin Gogolla. Teaching UML and OCL Models and their Validation to Software Engineering Students: An Experience Report. Computer Science Education. 20/04/2018.
Type of production: Scientific paper **Format:** Book
Corresponding author: Yes
- 23** Loli Burgueño; Manuel Wimmer; Antonio Vallecillo. A Linda-based Platform for the Parallel Execution of Out-place Model Transformations. Information and Software Technology. 79, pp. 17 - 35. Information and Software Technology, 06/06/2016.
Type of production: Scientific paper **Format:** Journal
Corresponding author: Yes

- 24** Loli Burgueño; Javier Troya; Manuel Wimmer; Antonio Vallecillo. Static Fault Localization in Model Transformations. IEEE Transactions on Software Engineering. 28/10/2014.
Type of production: Scientific paper **Format:** Journal
- 25** Antonio Vallecillo; Martin Gogolla; Loli Burgueño; Manuel Wimmer; Lars Hamman. Formal Specification and Testing of Model Transformations. Formal Methods for Model-Driven Engineering. 7320, pp. 399 - 437. 15/06/2012.
Type of production: Book chapter **Format:** Book

Works submitted to national or international conferences

- 1** **Title of the work:** On the Challenges of Integrating Digital Twins
Name of the conference: International conference on Engineering Digital Twins (EDTconf)
Corresponding author: No
City of event: Grand Rapids, Michigan, United States of America
Date of event: 06/10/2025
End date: 09/10/2025
Organising entity: Grand Valley State University
Benoit Combemale; Jörg Kienzle; Gunter Mussbacher; Pascal Archambault; Jean-Michel Bruel; Lola Burgueño; et al.
- 2** **Title of the work:** A Human Behavior Exploration Approach Using LLMs for Cyber-Physical Systems
Name of the conference: MDE Intelligence @ MODELS'24
Corresponding author: Yes
City of event: Linz, Austria
Date of event: 22/09/2024
End date: 27/09/2024
Organising entity: Johannes Kepler Universität Linz
Lola Burgueño; Maria Keet; Jörg Kienzle; Judith Michael; Önder Babur.
- 3** **Title of the work:** Global Decision Making Support for Complex System Development
Name of the conference: IEEE International Conference on Requirements Engineering
Corresponding author: Yes
City of event: Reykjavik, Iceland
Date of event: 24/06/2024
End date: 28/06/2024
Organising entity: University of Reykjavik
City organizing entity: Reykjavik, Iceland
Lola Burgueño; Damien Fournes; Benoit Combemale; Jörg Kienzle; Gunter Mussbacher.
- 4** **Title of the work:** Towards an Extensible Architecture and Tool Support for Model-Based Verification
Name of the conference: Model Driven Engineering, Verification and Validation (MoDeVVA) @ MODELS'23
Corresponding author: No
City of event: Vasteras, Sweden
Date of event: 03/10/2023
End date: 03/10/2023
Organising entity: Université de Montréal
David Delgado; Lola Burgueño; Javier Camara; Javier Troya.

- 5** **Title of the work:** Towards using Few-Shot Prompt Learning for Automating Model Completion
Name of the conference: International Conference on Software Engineering (ICSE) - NIER track
Corresponding author: No
City of event: Melbourne, Australia
Date of event: 14/05/2023
End date: 20/05/2023
Organising entity: Monash University & University of Melbourne
City organizing entity: Melbourne, Australia
Meriem Ben Chaaben; Lola Burgueño; Houari Sahraoui.
- 6** **Title of the work:** Combining OCL and natural language: a call for a community effort
Name of the conference: OCL Workshop @ MODELS'22
Corresponding author: No
City of event: Montréal, Canada
Date of event: 23/10/2022
End date: 28/10/2022
Organising entity: Université de Montréal
Jordi Cabot; David Delgado; Lola Burgueño.
- 7** **Title of the work:** Global Decision Making Over Deep Variability in Feedback-Driven Software Development
Name of the conference: Automated Software Engineering (ASE)
Corresponding author: No
City of event: Michigan, United States of America
Date of event: 10/10/2022
End date: 14/10/2022
Organising entity: Oakland University
Jörg Kienzle; Benoit Combemale; Gunter Mussbacher; Omar Alam; Francis Bordeleau; Lola Burgueño; Gregor Engels; Jean-Marc Jézéquel; Betina Kemme; Sébastien Mosser; Houari Sahraoui; Maximilian Schiedermeier; Eugene Syriani. "Global Decision Making Over Deep Variability in Feedback-Driven Software Development".
- 8** **Title of the work:** An empirical study on the impact of introducing a modeling tool in a Requirement Engineering course
Name of the conference: Educators Symposium @ MODELS
Corresponding author: Yes
City of event: Fukuoka, Japan
Date of event: 12/10/2021
Organising entity: Kyushu University
Burgueño; Cánovas Izquierdo 2; Planas 3.
- 9** **Title of the work:** Introducción de una herramienta OCL en la asignatura de Ingeniería de Requisitos
Name of the conference: XXVII Jornadas sobre la Enseñanza Universitaria de la Informática (JENUI 2021)
Corresponding author: Yes
City of event: Valencia, Spain
Date of event: 07/07/2021
End date: 08/07/2021
Organising entity: Universitat de València
Type of entity: University
Type of contribution: Scientific paper

- 10** **Title of the work:** An NLP-based architecture for the autocompletion of partial domain models
Name of the conference: 33rd International Conference on Advanced Information Systems Engineering (CAiSE'21)
Corresponding author: Yes
City of event: Melbourne, Australia
Date of event: 28/06/2021
End date: 02/07/2021
Organising entity: University of Melbourne
Loli Burgueño; Robert Clarisó; Sébastien Gérard; Shuai Li; Jordi Cabot. pp. 91 - 106.
- 11** **Title of the work:** Refactoring Collections in OCL
Name of the conference: 20th International Workshop on OCL and Textual Modeling
Corresponding author: No
City of event: Bergen, Norway
Date of event: 25/06/2021
End date: 25/06/2021
Organising entity: Western Norway University of Applied Sciences
City organizing entity: Norway
Type of contribution: Scientific paper
Gogolla; Burgueño; Vallecillo.
- 12** **Title of the work:** Testing challenges for NLP-intensive bots
Name of the conference: 3rd International Workshop on Bots in Software Engineering (BotSE'21) @ ICSE'21
Corresponding author: No
City of event: Madrid, Spain
Date of event: 29/05/2021
End date: 04/06/2021
Organising entity: Universidad Politécnica de Madrid
Type of entity: University
Jordi Cabot; Loli Burgueño; Robert Clarisó; Gwendal Daniel; Jorge Perianez-Pascual; Roberto Rodriguez-Echeverría. pp. 126 - 132.
- 13** **Title of the work:** Towards the Optical Character Recognition of DSLs
Name of the conference: 13th ACM SIGPLAN International Conference on Software Language Engineering
Corresponding author: No
City of event: Chicago (Virtual), United States of America
Date of event: 15/11/2020
End date: 20/11/2020
Organising entity: University of Chicago
Jorge Perianez-Pascual; Roberto Rodriguez-Echeverría; Loli Burgueño; Jordi Cabot.
- 14** **Title of the work:** Towards an assessment grid for intelligent modeling assistance
Name of the conference: 2nd Workshop on Artificial Intelligence and Model-driven Engineering (MDE Intelligence)
Corresponding author: No
City of event: Montreal (Virtual), Canada
Date of event: 16/10/2020
Organising entity: University of Montreal
Gunter Mussbacher; Benoit Combemale; Silvia Abrahão; Nelly Bencomo; Loli Burgueño; Gregor Engels; Jörg Kienzle; Thomas Kühne; Sébastien Mosser; Houari Sahraoui; Martin Weyssow. 48, pp. 1 - 10.

- 15** **Title of the work:** A Systematic Approach to Generate Diverse Instantiations for Conceptual Schemas
Name of the conference: 38th International Conference on Conceptual Modeling
Corresponding author: Yes
City of event: Salvador, Brazil
Date of event: 04/11/2019
End date: 08/11/2019
Organising entity: Federal University of Bahia
Loli Burgueño; Jordi Cabot; Robert Clarisó; Martin Gogolla. pp. 513 - 521.
- 16** **Title of the work:** Automatic Generation of Valid Behavioral Scripts from UML Sequence Diagrams
Name of the conference: 19th International Workshop in OCL and Textual Modeling (OCL'19@MODELS)
Corresponding author: Yes
City of event: Munich, Germany
Date of event: 16/09/2019
End date: 16/09/2019
Organising entity: Fortiss **Type of entity:** R&D Centre
Paula Muñoz; Loli Burgueño; Antonio Vallecillo; Martin Gogolla.
- 17** **Title of the work:** Native Support for UML and OCL Primitive Datatypes Enriched with Uncertainty in USE
Name of the conference: 19th International Workshop in OCL and Textual Modeling (OCL'19@MODELS)
Corresponding author: Yes
City of event: Munich, Germany
Date of event: 16/09/2019
End date: 16/09/2019
Organising entity: Fortiss **Type of entity:** R&D Centre
Víctor Ortiz; Loli Burgueño; Antonio Vallecillo; Martin Gogolla.
- 18** **Title of the work:** An LSTM-Based Neural Network Architecture for Model Transformations
Name of the conference: 22th International Conference on Model Driven Engineering Languages and Systems (MODELS)
Corresponding author: Yes
City of event: Munich, Germany
Date of event: 15/09/2019
End date: 20/09/2019
Organising entity: Fortiss **Type of entity:** R&D Centre
Loli Burgueño; Jordi Cabot; Sébastien Gérard.
- 19** **Title of the work:** Towards Sketching Interfaces for Multi-Paradigm Modeling
Name of the conference: 1st International Workshop on Multi-Paradigm Modeling for Cyber-Physical Systems (MPM4CPS@MODELS'19)
Corresponding author: No
City of event: Munich, Germany
Date of event: 15/09/2019
End date: 15/09/2019
Organising entity: Fortiss **Type of entity:** R&D Centre
Simon Van Mierlo; Julien DeAntoni; Loli Burgueño; Clark Verbrugge; Hans Vangheluwe.
- 20** **Title of the work:** Transformaciones de Datos con Machine Learning
Name of the conference: Jornadas de Ingeniería del Software y Bases de Datos (JISBD)
Corresponding author: Yes

City of event: Cáceres, Extremadura, Spain

Date of event: 02/09/2019

End date: 05/09/2019

Organising entity: Universidad de Extremadura
Loli Burgueño; Jordi Cabot; Sébastien Gérard.

Type of entity: University

21 Title of the work: Belief Uncertainty in Software Models

Name of the conference: 11th Workshop on Modelling in Software Engineering (MiSE'2019)

Corresponding author: Yes

City of event: Montreal, Canada

Date of event: 26/05/2019

End date: 27/05/2019

Organising entity: University of Waterloo

Loli Burgueño; Robert Clarisó; Jordi Cabot; Sébastien Gerard; Antonio Vallecillo. "Belief Uncertainty in Software Models".

22 Title of the work: Static Analysis of Complex Event Processing Programs

Name of the conference: 18th International Workshop in OCL and Textual Modeling

Corresponding author: Yes

City of event: Copenhagen, Denmark

Date of event: 15/10/2018

Organising entity: IT University of Copenhagen

Type of entity: University

City organizing entity: Copenhagen, Denmark

Adrián García-López; Loli Burgueño; Antonio Vallecillo. "Static Analysis of Complex Event Processing Programs".

23 Title of the work: Expressing Confidence in Models and Model Transformation Elements

Name of the conference: International Conference on Model Driven Engineering Languages and Systems

Corresponding author: Yes

City of event: Copenhagen, Denmark

Date of event: 14/10/2018

End date: 19/10/2018

Organising entity: ITU Copenhagen

Type of entity: University

Loli Burgueño; Manuel F. Bertoa; Nathalie Moreno; Antonio Vallecillo. "Expressing Confidence in Models and Model Transformation Elements".

24 Title of the work: Extending Complex Event Processing to Graph-structured Information

Name of the conference: International Conference on Model Driven Engineering Languages and Systems

Corresponding author: No

City of event: Copenhagen, Denmark

Date of event: 14/10/2018

End date: 19/10/2018

Organising entity: ITU Copenhagen

Type of entity: University

Gala Barquero; Loli Burgueño; Javier Troya; Antonio Vallecillo. "Extending Complex Event Processing to Graph-structured Information".

25 Title of the work: Model Finding and Model Completion with USE

Name of the conference: 18th International Workshop in OCL and Textual Modeling

Corresponding author: No

City of event: Copenhagen, Denmark

Date of event: 14/10/2018

Organising entity: IT University of Copenhagen

Type of entity: University

City organizing entity: Copenhagen, Denmark

Martin Gogolla; Loli Burgueño; Antonio Vallecillo. "Model Finding and Model Completion with USE".

26 Title of the work: Confianza e Incertidumbre en Modelos y Transformaciones de Modelos

Name of the conference: Jornadas de Ingeniería del Software y Bases de Datos (JISBD)

Corresponding author: Yes

City of event: Sevilla, Andalusia, Spain

Date of event: 17/09/2018

End date: 19/09/2018

Organising entity: Universidad de Sevilla

Type of entity: University

City organizing entity: Sevilla, Andalusia, Spain

Antonio Vallecillo; Manuel F. Bertoa; Loli Burgueño; Gala Barquero; Nathalie Moreno. "Confianza e Incertidumbre en Modelos y Transformaciones de Modelos".

27 Title of the work: Using Physical Quantities in Robot Software Models

Name of the conference: 1st International Workshop on Robotics Software Engineering

Corresponding author: Yes

City of event: Gotemburgo, Sweden

Date of event: 28/08/2018

Organising entity: Chalmers University of Technology & University of Gothenburg

Type of entity: University

City organizing entity: Gotemburgo, Sweden

Loli Burgueño; Tanja Mayerhofer; Manuel Wimmer; Antonio Vallecillo. "Using Physical Quantities in Robot Software Models".

28 Title of the work: Expressing Uncertainty in OCL/UML Datatypes

Name of the conference: 14th European Conference on Modelling Foundations and Applications

Corresponding author: No

City of event: Toulouse, France

Date of event: 25/06/2018

End date: 29/06/2018

Organising entity: Toulouse Institute of Computer Science Research

Nathalie Moreno; Manuel F. Bertoa; Gala Barquero; Loli Burgueño; Javier Troya. "Expressing Uncertainty in OCL/UML Datatypes".

29 Title of the work: Managing Uncertain Complex Events in Web of Things Applications

Name of the conference: 18th International Conference on Web Engineering

Corresponding author: No

City of event: Cáceres, Extremadura, Spain

Date of event: 05/06/2018

End date: 08/06/2018

Organising entity: Universidad de Extremadura

Type of entity: University

Manuel F. Bertoa; Nathalie Moreno; Gala Barquero; Loli Burgueño; Javier Troya; Adrián García López. "Managing Uncertain Complex Events in Web of Things Applications".

30 Title of the work: Formally Modeling, Executing, and Testing Service-Oriented Systems with UML and OCL

Name of the conference: 15th International Conference on Service-Oriented Computing 2017 (ICSOC 2017)

Corresponding author: Yes

City of event: Málaga, Andalusia, Spain



Date of event: 13/11/2017

End date: 16/11/2017

Organising entity: Universidad de Málaga

Type of entity: University

Loli Burgueño; Martin Gogolla. "Formally Modeling, Executing, and Testing Service-Oriented Systems with UML and OCL".

31 Title of the work: Teaching Model View with UML and OCL

Name of the conference: Educators Symposium @ MODELS 2017

Corresponding author: Yes

City of event: Austin, United States of America

Date of event: 20/09/2017

Organising entity: University of Texas

Loli Burgueño; Antonio Vallecillo; Martin Gogolla. "Teaching Model View with UML and OCL".

32 Title of the work: A Linda-based Platform for the Parallel Execution of Out-place Model Transformations

Name of the conference: XXII Jornadas en Ingeniería del Software y Bases de Datos (JISBD 2017)

Corresponding author: Yes

City of event: San Cristobal de La Laguna, Canary Islands, Spain

Date of event: 18/07/2017

End date: 21/07/2017

Organising entity: Universidad de La Laguna

Type of entity: University

Loli Burgueño; Manuel Wimmer; Antonio Vallecillo. "A Linda-based Platform for the Parallel Execution of Out-place Model Transformations".

33 Title of the work: Testing Transformation Models Using Classifying Terms

Name of the conference: International Conference on Model Transformation (ICMT)

Corresponding author: Yes

City of event: Marburg, Germany

Date of event: 17/07/2017

End date: 21/07/2017

Organising entity: Philipps University Marburg

City organizing entity: Marburg, Germany

Loli Burgueño; Frank Hilken; Antonio Vallecillo; Martin Gogolla.

34 Title of the work: Employing Classifying Terms for Testing Model Transformations

Name of the conference: Software Engineering 2017, Fachtagung des Gi-Fachbereichs Softwaretechnik

Corresponding author: No

City of event: Hannover, Germany

Date of event: 21/02/2017

Organising entity: Leibniz Universität Hannover

Martin Gogolla; Antonio Vallecillo; Loli Burgueño; Frank Hilken. "Employing Classifying Terms for Testing Model Transformations".

35 Title of the work: Generating Effective Test Suites for Model Transformations Using Classifying Terms

Name of the conference: Verification of Model Transformations

Corresponding author: Yes

City of event: Saint Malo, Bretagne, France

Date of event: 02/10/2016

End date: 02/10/2016

Organising entity: University of Rennes 1

City organizing entity: Saint Malo, Bretagne, France



Loli Burgueño; Frank Hilken; Antonio Vallecillo; Martin Gogolla. "Generating Effective Test Suites for Model Transformations Using Classifying Terms".

- 36** **Title of the work:** Towards Distributed Model Transformations with LinTra
Name of the conference: XXI Jornadas en Ingeniería del Software y Bases de Datos (JISBD 2016)
Corresponding author: Yes
City of event: Salamanca, Castile and León, Spain
Date of event: 14/09/2016
End date: 16/09/2016
Organising entity: Universidad de Salamanca **Type of entity:** University
City organizing entity: Salamanca, Castile and León, Spain
Loli Burgueño; Manuel Wimmer; Antonio Vallecillo. "Towards Distributed Model Transformations with LinTra".
- 37** **Title of the work:** Employing Classifying Terms for Testing Model Transformations
Name of the conference: International Conference on Model Driven Engineering Languages and Systems
City of event: Ottawa, Canada
Date of event: 30/09/2015
End date: 02/10/2015
Organising entity: University of Ottawa
Martin Gogolla; Antonio Vallecillo; Loli Burgueño; Frank Hilken. "Employing Classifying Terms for Testing Model Transformations".
- 38** **Title of the work:** Iterative Development of Transformation Models by Using Classifying Terms
Name of the conference: Analysis of Model Transformations
Corresponding author: No
City of event: Ottawa, Canada
Date of event: 28/09/2015
End date: 28/09/2015
Organising entity: University of Ottawa **Type of entity:** University
City organizing entity: Ottawa, Canada
Frank Hilken; Loli Burgueño; Martin Gogolla; Antonio Vallecillo. "Iterative Development of Transformation Models by Using Classifying Terms".
- 39** **Title of the work:** Testing M2M/M2T/T2M Transformations
Name of the conference: ACM Student Research Competition at MODELS 2015
Corresponding author: Yes
City of event: Ottawa, Canada
Date of event: 27/09/2015
End date: 02/10/2015
Organising entity: University of Ottawa
Loli Burgueño. "Testing M2M/M2T/T2M Transformations".
- 40** **Title of the work:** Analysis of the Scientific Production of the Spanish Software Engineering Community
Name of the conference: XX Jornadas en Ingeniería del Software y Bases de Datos
Corresponding author: Yes
City of event: Santander, Cantabria, Spain
Date of event: 15/09/2015
End date: 17/09/2015
Organising entity: Universidad de Cantabria **Type of entity:** University
City organizing entity: Santander, Cantabria, Spain

Loli Burgueño; Antonio Moreno-Delgado; Antonio Vallecillo. "Analysis of the Scientific Production of the Spanish Software Engineering Community".

- 41** **Title of the work:** Handling Non-functional Requirements in Model-Driven Development: An Ongoing Industrial Survey
Name of the conference: 23rd IEEE International Requirements Engineering Conference
Corresponding author: No
City of event: Ottawa, Canada
Date of event: 24/08/2015
End date: 28/08/2015
Organising entity: University of Ottawa **Type of entity:** University
City organizing entity: Ottawa, Canada
David Ameller; Xavier Frank; Cristina Gómez; Antonio Vallecillo; Loli Burgueño; et al. "Handling Non-functional Requirements in Model-Driven Development: An Ongoing Industrial Survey".
- 42** **Title of the work:** Parallel In-place Model Transformations with LinTra
Name of the conference: International Workshop on Big MDE (collocated with STAF)
Corresponding author: Yes
City of event: L'Aquila, Italy
Date of event: 23/07/2015
End date: 23/07/2015
Organising entity: University of L'Aquila **Type of entity:** University
City organizing entity: L'Aquila, Italy
Loli Burgueño; Javier Troya; Manuel Wimmer; Antonio Vallecillo. "Parallel In-place Model Transformations with LinTra".
- 43** **Title of the work:** Towards Systematic Mutations for and with ATL Model Transformations
Name of the conference: 10th International Workshop on Mutation Analysis
City of event: Graz, Austria
Date of event: 13/04/2015
Organising entity: TU Graz
Javier Troya; Alexander Bergmayr; Loli Burgueño; Manuel Wimmer.
- 44** **Title of the work:** Towards Approximate Model Transformations
Name of the conference: 3rd International Workshop on the Analysis of Model Transformations 2014 (AMT 2014). In conjunction with MODELS 2014
City of event: Valencia, Valencian Community, Spain
Date of event: 29/09/2014
End date: 29/09/2014
Organising entity: Universitat de València **Type of entity:** University
City organizing entity: Valencia, Valencian Community, Spain
Javier Troya; Manuel Wimmer; Loli Burgueno; Antonio Vallecillo. "Towards Approximate Model Transformations".
- 45** **Title of the work:** Primitive Operators for the Concurrent Execution of Model Transformations Based on LinTra
Name of the conference: XIX Jornadas de Ingeniería del Software y Bases de Datos 2014 (JISBD 2014)
Corresponding author: Yes
City of event: Cádiz, Andalusia, Spain
Date of event: 16/09/2014
End date: 19/09/2014
Organising entity: Universidad de Cádiz **Type of entity:** University

City organizing entity: Cádiz, Andalusia, Spain

Loli Burgueno; Eugene Syriani; Manuel Wimmer; Jeff Gray; Antonio Vallecillo. "Primitive Operators for the Concurrent Execution of Model Transformations Based on LinTra".

46 Title of the work: LinTraP: Primitive Operators for the Execution of Model Transformations with LinTra

Name of the conference: 2nd International Workshop on Big MDE (BigMDE 2014)

Corresponding author: Yes

City of event: York, United Kingdom

Date of event: 24/07/2014

End date: 24/07/2014

Organising entity: University of York

Type of entity: University

City organizing entity: York, United Kingdom

Loli Burgueno; Eugene Syriani; Manuel Wimmer; Jeff Gray; Antonio Vallecillo. "LinTraP: Primitive Operators for the Execution of Model Transformations with LinTra".

47 Title of the work: TractsTool: Testing MTs Based on Contracts

Name of the conference: Invited Talks, Demonstration Session, Poster Session, and ACM Student Research Competition (MODELS 2013)

City of event: Miami, United States of America

Date of event: 02/10/2013

End date: 02/10/2013

Organising entity: Florida International University

Type of entity: University

City organizing entity: Miami, United States of America

Loli Burgueno. "TractsTool: Testing MTs Based on Contracts".

48 Title of the work: Concurrent and Distributed Model Transformations based on Linda

Name of the conference: Doctoral Symposium held at the 16th International Conference on Model Driven Engineering Languages and Systems 2013

City of event: Miami, United States of America

Date of event: 01/10/2013

Organising entity: Florida International University

Type of entity: University

City organizing entity: Miami, United States of America

Loli Burgueno. "Concurrent and Distributed Model Transformations based on Linda".

49 Title of the work: Testing M2T/T2M Transformations

Name of the conference: 16th International Conference on Model Driven Engineering Languages and Systems 2013

City of event: Miami, United States of America

Date of event: 29/09/2013

End date: 04/10/2013

Organising entity: Florida International University

Type of entity: University

City organizing entity: Miami, United States of America

Manuel Wimmer; Loli Burgueno. "Testing M2T/T2M Transformations".

50 Title of the work: Concurrent Model Transformations with Linda

Name of the conference: XVIII Jornadas de Ingeniería del Software y Bases de Datos 2013 (JISBD 2013)

City of event: Madrid, Community of Madrid, Spain

Date of event: 18/09/2013

End date: 20/09/2013

Organising entity: Universidad Complutense de Madrid

Type of entity: University

Antonio Vallecillo; Javier Troya; Loli Burgueño. "Concurrent Model Transformations with Linda".

51 Title of the work: On the Concurrent Execution of Model Transformations with Linda

Name of the conference: 1st International Workshop on BigMDE (BigMDE 2013)

City of event: Budapest, Hungary

Date of event: 17/06/2013

End date: 17/06/2013

Organising entity: Budapest University of Technology and Economics

Type of entity: University

City organizing entity: Budapest, Hungary

Loli Burgueño; Javier Troya; Manuel Wimmer; Antonio Vallecillo. "On the Concurrent Execution of Model Transformations with Linda".

52 Title of the work: Towards Tracking "Guilty" Transformation Rules

Name of the conference: 1st International Workshop on the Analysis of Model Transformations 2012 (AMT 2012). In conjunction with MODELS 2012

City of event: Innsbruck, Austria

Date of event: 02/10/2012

End date: 02/10/2012

Organising entity: University of Innsbruck

Type of entity: University

City organizing entity: Innsbruck, Austria

Loli Burgueño; Manuel Wimmer; Antonio Vallecillo. "Towards Tracking "Guilty" Transformation Rules".

53 Title of the work: Prueba de Transformaciones de Modelos con TractsTool

Name of the conference: XVII Jornadas de Ingeniería del Software y Bases de Datos 2012 (JISBD 2012)

City of event: Almería, Andalusia, Spain

Date of event: 17/09/2012

End date: 19/09/2012

Organising entity: Universidad de Almería

Type of entity: University

City organizing entity: Almería, Andalusia, Spain

Manuel Wimmer; Loli Burgueño; Antonio Vallecillo. "Prueba de Transformaciones de Modelos con TractsTool".

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

Title of the work: Mind the Ethics! The Overlooked Ethical Dimensions of GenAI in Software Modeling Education

Name of the event: Educators Symposium @ MODELS'25

Corresponding author: No

City of event: Grand Rapids, Michigan, United States of America

Date of event: 07/10/2025

Organising entity: Grand Valley State University

Shalini Chakraborty; Lola Burgueño; Nathalie Moreno; Javier Troya; Paula Muñoz.

Science Outreach activities

- 1** **Title of the work:** Keynote
Name of the event: 14th International Conference on Model-Based Software and Systems Engineering (Modelsward'26)
City of event: Marbella, Spain
Date of event: 07/03/2026
Organising entity: INSTICC Portugal
City organizing entity: Setubal, Portugal
"Reasoning at Higher-levels of Abstraction: AI Meets Model-Driven Engineering".
- 2** **Title of the work:** Guest Lecture in a Master's course
City of event: Vienna, Austria
Date of event: 17/12/2025
Organising entity: TU Wien
"AI-Augmented Model-Driven Engineering".
- 3** **Title of the work:** Panelist
Name of the event: 6th IEEE International Conference on Autonomic Computing and Self-Organizing Systems (ACSOS 2025)
City of event: Tokyo, Japan
Date of event: 01/10/2025
Organising entity: Institute of Science Tokyo
"Panel on "Uncertainty Interaction in Self-Adaptive and Self-organizing Systems"".
- 4** **Title of the work:** Panelist
Name of the event: Int. Conference on Model-Driven Engineering Languages and Systems (MODELS'24)
City of event: Linz, Austria
Date of event: 26/09/2024
Organising entity: JKU Linz
"Panel on "MDE 4 AI and AI 4 MDE"".
- 5** **Title of the work:** Keynote
Name of the event: MDENet Annual Symposium
City of event: London, United Kingdom
Date of event: 05/12/2023
Organising entity: King's College London
"Revolutionizing Model Development with Large Language Models".
- 6** **Title of the work:** Panelist
Name of the event: Int. Conference on Model-Driven Engineering Languages and Systems (MODELS'23)
City of event: Vasteras, Sweden
Date of event: 05/10/2023
Organising entity: Mälardalen University
"Panel on "How is Artificial Intelligence transforming MDE?".
- 7** **Title of the work:** Keynote
Name of the event: 22nd Int. Workshop on OCL and Textual Modeling
City of event: Vasteras, Sweden



Date of event: 01/10/2023

Organising entity: Mälardalen University

"Generative AI for Crafting Textual Models and Constraints: Current Capabilities and Challenges".

8 Title of the work: Invited Talk

Name of the event: DiverSE Seminar

City of event: Rennes, France

Date of event: 19/06/2023

Organising entity: University of Rennes

"Generative AI for Software Modeling: How can Large Language Models assist modelers?".

9 Title of the work: Keynote

Name of the event: International Conference on Intelligent Systems and Pattern Recognition (ISPR'23)

City of event: Hammamet, Tunisia

Date of event: 11/05/2023

Organising entity: Larbi Tebessi University (Algeria)

"AI-assisted Model-driven Software Engineering: On our Way to Achieving Intelligent Software Development".

10 Title of the work: Panelist

Name of the event: SPLASH Programming Languages Mentoring Workshop

City of event: Auckland, New Zealand

Date of event: 06/12/2022

Organising entity: University of Auckland

"Post PhD Careers Panel".

11 Title of the work: Invited Talk

Name of the event: GEODES seminar

City of event: Montreal, Canada

Date of event: 22/07/2022

Organising entity: GEODES Research Group (UdeM)

"Uncertainty in Software Models".

12 Title of the work: Invited talk

Name of the event: GEODES Research Day and Symposium

City of event: Montreal, Canada

Date of event: 17/05/2022

Organising entity: GEODES Research Group (UdeM)

"Facilitating the definition and improving the quality of domain models using an NLP-based assistant".

13 Title of the work: Invited Lecture (Master course)

Corresponding author: Yes

City of event: Ulm, Germany

Date of event: 05/11/2021

Organising entity: Ulm University

"A Generic Neural Network Architecture to Infer Heterogeneous Model Transformations".

14 Title of the work: Invited Talk

Name of the event: 6th Lowcomote network event

City of event: Linz (remote), Austria

Date of event: 14/07/2021



Organising entity: JKU Linz

"No need to model alone: A modeling assistant to bridge the gap between natural language and domain models".

R&D management and participation in scientific committees

Scientific, technical and/or assessment committees

- 1** **Committee title:** Steering committee member of the ACM/IEEE International Conference on Model-Driven Engineering Languages and Systems (MODELS)
Start date: 01/10/2025
- 2** **Committee title:** Member of the working group on Diversity and Inclusion of Informatics Europe
Start date: 2025
- 3** **Committee title:** Miembro de el comité director de las Jornadas de Ingeniería del Software y Bases de Datos (JISBD)
Start date: 01/09/2024
- 4** **Committee title:** Steering committee member of the ACM SIGPLAN International Conference on Software Language Engineering (SLE)
Start date: 01/12/2022
- 5** **Committee title:** Member of the experts database and regular reviewer
Affiliation entity: Agencia Estatal de Investigación (Spanish Research Agency)

Organization of R&D activities

- 1** **Title of the activity:** General Chair of MODELS'26
Convening entity: Universidad de Málaga
City convening entity: Málaga, Spain
Start-End date: 04/10/2026 - 09/10/2026
Type of entity: University
- 2** **Title of the activity:** PC chair of ICWE'26
Convening entity: Université Claude Bernard Lyon 1
City convening entity: Lyon, France
Start-End date: 09/06/2026 - 12/06/2026
- 3** **Title of the activity:** Co-chair of the Diversity and Inclusion workshop at the European Informatics Leaders Summit (ECSS 2025)
Convening entity: Informatics Europe
City convening entity: Rennes, France
Start-End date: 27/10/2025 - 29/10/2025
- 4** **Title of the activity:** Publicity chair of RE'25
Convening entity: Universitat Politècnica de València
City convening entity: Valencia, Spain
Type of entity: University



Start-End date: 01/09/2025 - 05/09/2025

- 5** **Title of the activity:** Co-chair of the Registered Report track of SANER'25
Geographical area: Non EU International
Convening entity: Polytechnique Montréal
City convening entity: Montréal, Canada
Start-End date: 04/03/2025 - 07/05/2025
- 6** **Title of the activity:** Co-chair of the ACM Student Research Competition of ICSE'25
Geographical area: Non EU International
Convening entity: University of Ottawa
City convening entity: Ottawa, Canada
Start-End date: 26/04/2025 - 04/05/2025
- 7** **Title of the activity:** PC chair of JISBD'25
Geographical area: National
Convening entity: Universidad de Córdoba
City convening entity: Córdoba, Spain
Start-End date: 05/2025 - 05/2025
Type of entity: University
- 8** **Title of the activity:** Organizer of the series of the MDE Intelligence workshop @ MODELS (2019-2025)
Type of activity: Organization
Start-End date: 16/09/2019 - 02/10/2023
- 9** **Title of the activity:** Journal First co-chair of the 35th International Conference on Advanced Information Systems Engineering (CAiSE'23)
Convening entity: Universidad San Jorge
City convening entity: San Jorge, Spain
Start-End date: 12/06/2023 - 16/06/2023
Type of entity: University
- 10** **Title of the activity:** Chair of the ACM Student Research Competition (MODELS 2022)
Convening entity: University of Montréal
City convening entity: Montréal, Canada
Start-End date: 16/10/2022 - 21/10/2022
- 11** **Title of the activity:** Communication chair of the Federation of conferences on Software Technologies: Applications and Foundations (STAF'22)
Type of activity: Organization
Convening entity: IMT Atlantique
City convening entity: Nantes, France
Start-End date: 01/07/2022 - 24/09/2022
- 12** **Title of the activity:** Students Volunteer Chair at MODELS'21
Type of activity: Organization
Convening entity: Kyushu University
City convening entity: Fukuoka, Japan
Start-End date: 10/10/2021 - 15/10/2021
Geographical area: Non EU International
Type of entity: University
- 13** **Title of the activity:** Chair of the track ISDM at the XXV Jornadas de Ingeniería del Software y Bases de Datos (JISBD'21)
Type of activity: Organization
Convening entity: Universidad de Málaga
Start-End date: 01/07/2021 - 24/09/2021
Type of entity: University



City convening entity: Málaga, Spain
Start-End date: 22/09/2021 - 24/09/2021

14 Title of the activity: Communication and Social Media chair of the VI Congreso Español de Informática (CEDI 20/21)

Type of activity: Organization

Convening entity: Universidad de Málaga

Type of entity: University

Start-End date: 22/09/2021 - 24/09/2021

15 Title of the activity: Publicity Chair of SLE'20

Convening entity: University of Chicago

City convening entity: Chicago, United States of America

Start-End date: 15/11/2020 - 20/11/2020

16 Title of the activity: Workshop Chair at STAF 2020

Convening entity: Western Norway University of Applied Sciences

Type of entity: University

City convening entity: Bergen, Norway

Start-End date: 22/06/2020 - 26/06/2020

17 Title of the activity: Local Organizer of ICSSOC 2017

Geographical area: Non EU International

Convening entity: Universidad de Málaga

Type of entity: University

Start-End date: 13/11/2017 - 16/11/2017

18 Title of the activity: Workshop and meetings organizer for the project COST Action IC1404

Type of activity: Workshop y reuniones

Geographical area: European Union

Convening entity: Universidad de Málaga

Type of entity: University

City convening entity: Málaga, Andalusia, Spain

Start-End date: 24/11/2016 - 25/11/2016

19 Title of the activity: Editor of the Special Issue on Foundations and Applications of AI and MDE (Software & System Modeling Journal)

Type of activity: Editorship

Type of participation: Organiser

Start date: 15/12/2023

20 Title of the activity: Editor of the Special Issue on "Foundations and Applications of AI and MDE" for the Software & System Modeling Journal

Type of activity: Editorship

Type of participation: Organiser

Start date: 01/06/2023

21 Title of the activity: Editor of the Special Issue on Software Language Engineering (Journal of Software and Systems, JSS)

Type of activity: Editorship

Type of participation: Organiser

Start date: 18/01/2023



- 22** **Title of the activity:** Editor of the Special Issue on "Requirements Formalisation: From Text to Model-based" for the Software & System Modeling Journal
Type of activity: Editorship
Type of participation: Organiser
Start date: 01/01/2023
- 23** **Title of the activity:** Editor of the Special Issue on Software Language Engineering for the Journal of Systems and Software (JSS)
Type of activity: Editorship
Type of participation: Organiser
Start date: 01/01/2023
- 24** **Title of the activity:** PC Chair of the 15th ACM SIGPLAN International Conference on Software Language Engineering (SLE'22)
Convening entity: University of Auckland
City convening entity: Auckland, New Zealand
Start date: 11/2022
- 25** **Title of the activity:** PC Chair of ECMFA'21
Convening entity: Western Norway University of Applied Sciences (HVL)
City convening entity: Bergen, Norway
Start date: 21/06/2021
- 26** **Title of the activity:** Editor of the Special Issue on AI-enhanced MDE for the Software & System Modeling Journal
Type of activity: Editorship
Type of participation: Organiser
Start date: 18/12/2020
- 27** **Title of the activity:** Proceedings chair en el congreso MODELS 2019
Geographical area: European Union
Convening entity: Technical University of Munich **Type of entity:** University
City convening entity: Munich, Germany
Start date: 15/09/2019
- 28** **Title of the activity:** Junior Researcher Community chair in the conference STAF 2019
Geographical area: European Union
Convening entity: Eindhoven University of Technology
Start date: 07/2019
- 29** **Title of the activity:** Educators Symposium co-chair in the conference MODELS 2018
Geographical area: Non EU International
Convening entity: IT University of Copenhagen
Start date: 16/10/2018
- 30** **Title of the activity:** PhD symposium chair in the conference ICSOC 2017
Geographical area: Non EU International
Convening entity: Universidad de Málaga **Type of entity:** University
Start date: 13/11/2017



- 31 Title of the activity:** Publication co-chair en el congreso MODELS 2017
Geographical area: Non EU International
Convening entity: University of Texas
Start date: 17/09/2017

Other achievements

Stays in public or private R&D centres

- 1 Entity:** Université de Montréal
City of entity: Montréal, Canada
Start-End date: 01/03/2022 - 31/08/2022 **Duration:** 6 months
Goals of the stay: Post-doctoral
- 2 Entity:** Vanderbilt University **Type of entity:** University
Faculty, institute or centre: Institute for Software Integrated Systems
City of entity: Nashville, United States of America
Start-End date: 02/05/2016 - 31/07/2016
Goals of the stay: Post-doctoral
- 3 Entity:** University of Alabama **Type of entity:** University
City of entity: Tuscaloosa, United States of America
Start-End date: 15/01/2014 - 15/05/2014
Goals of the stay: Doctorate

Obtained grants and scholarships

- 1 Name of the grant:** Formación del Personal Investigador (FPI, Ref. BES-2012-057064)
Aims: Pre-doctoral
Awarding entity: Ministerio de Economía y Competitividad **Type of entity:** State agency
Conferral date: 2013 **Duration:** 48 months
End date: 2016
Entity where activity was carried out: Universidad de Málaga
- 2 Name of the grant:** Juan de la Cierva Incorporación (Ref. IJC2018-035304-I)
Aims: Post-doctoral
Awarding entity: Ministerio de Ciencia e Innovación **Type of entity:** State agency
Amount of the grant: 93.000 €
Conferral date: 2020 **Duration:** 3 years
Entity where activity was carried out: Universitat Oberta de Catalunya
- 3 Name of the grant:** Formación de Profesorado Universitario (FPU)
Aims: Pre-doctoral
Awarding entity: Ministerio de Educación, Cultura y Deporte **Type of entity:** State agency
Conferral date: 2013

Scientific societies and professional associations

Name of the society: Sociedad de Ingeniería del Software y de Tecnologías de Desarrollo de Software (SISTEDES)

Prizes, mentions and distinctions

- 1** **Description:** Award to the best PhD Thesis in the area of MDE between 2015 and may of 2022
Awarding entity: Model-Driven Engineering track at JISBD'22
City awarding entity: Spain
Conferral date: 07/09/2022
- 2** **Description:** Distinguished reviewer award (MODELS'21)
Awarding entity: ACM/IEEE 24th International Conference on Model Driven Engineering Languages and Systems
City awarding entity: Fukuoka, Japan
Conferral date: 14/10/2021
- 3** **Description:** Paper "Introducción de una herramienta OCL en la asignatura de Ingeniería de Requisitos" nominated to the JENUI "Best paper award" and the SISTEDES "Best paper award in the field of high-education on Software Engineering"
Awarding entity: AENUI and SISTEDES
Conferral date: 08/07/2021
- 4** **Description:** Accessit to the Best National PhD thesis Award
Awarding entity: Sociedad de Ingeniería del Software y Tecnologías de Desarrollo de Software (SISTEDES)
City awarding entity: Spain
Conferral date: 19/09/2018
Type of entity: Associations and Groups
- 5** **Description:** Best paper award in MODELS 2018
Awarding entity: International Conference on Model Driven Engineering Languages and Systems
Conferral date: 2018
- 6** **Description:** Cum Laude distinction in PhD
Awarding entity: Universidad de Málaga
City awarding entity: Málaga, Andalusia, Spain
Conferral date: 28/04/2016
Type of entity: University
- 7** **Description:** Bronze Medal in the ACM Student Research Competition at MODELS 2015
Awarding entity: Association for Computing Machinery
Conferral date: 01/10/2015
- 8** **Description:** Best paper award in MODELS 2015
Awarding entity: International Conference on Model Driven Engineering Languages and Systems
Conferral date: 2015



- 9** **Description:** Best Graduate Student Award (Premio Extraordinario Fin de Carrera)
Awarding entity: Universidad de Málaga **Type of entity:** University
City awarding entity: Málaga, Andalusia, Spain
Conferral date: 2010

Other merits of research activity