



**Lola Burgueño Caballero**

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Date of document: 02/07/2021

**v 1.4.3**

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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 a postdoctoral researcher and lecturer at the Open University of Catalonia (UOC). She is a Juan de la Cierva Incorporación fellow.

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) focused on the field of Model-driven Engineering. Apart from her regular visits to Vienna, she has 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. In October 2018, she started a two-year postdoctoral contract at UOC (Barcelona) and CEA LIST (Paris) fully funded by CEA LIST in the context of the project Modelia (<http://modelia.eu/>). Since June 2020, she is a Juan de la Cierva Incorporación fellow working at UOC.

Some indicators of her research activity are:

- \* 15 journal papers, 12 of them indexed in the first or second quartiles (Q1, Q2) of the JCR.
- \* 8 conference papers published in top conferences according to the SCIE conference rating (<http://gii-grin-scie-rating.scie.es/>): 5 in MODELS, 1 in RE, 1 in ICSSOC and 1 in CAiSE
- \* 44 papers in peer-reviewed conferences, 36 international and 8 national (Spanish)
- \* 1 book chapter
- \* Member of the Editorial Board of the SoSyM journal (JCR, Q2)
- \* Member of the evaluation panel of the Spanish State Research Agency (Agencia Estatal de Investigación, AEI)
- \* Best paper award at MODELS'15 and MODELS'18 (the most important conference in the field of model-driven software engineering)
- \* 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'15
- \* Recipient of two competitive pre-doctoral grants (FPI and FPU) during her PhD studies.
- \* Recipient of the competitive Spanish post-doctoral fellowship JdC-I.
- \* Active participation in 4 national R&D projects, 1 EU COST Action and 2 Spanish Research Networks
- \* Organization of 16 international scientific events
- \* Development of three tools as research prototypes that are currently used by third-parties: TractsTool, LinTra, and an extension of the USE tool.



She has participated in several national and international projects. She has been part of Program Committees and has served as co-chair and organizer in prestigious international conferences such as MODELS, SLE, STAF, ICMT, ECMFA, ICSE AE and ICSOC. She regularly reviews papers for indexed journals such as TSE, JSS, Empirical Soft. Engineering, IEEE Access, SoSyM, Computer Standards & Interfaces and IET Software, JOT, Int. J. of Parallel Programming, Computer Sci. Education.

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. She has also co-supervised 9 final-year projects and is supervising a PhD student.

She has been granted the following habilitations by ANECA: PhD assistant lecturer (profesor ayudante doctor), PhD lecturer (profesor contratado doctor), PhD lecturer in private university (profesor de universidad privada).



## 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: 342

h-index according to Scopus: 10

Citations according to Google Scholar: 598

h-index according to Google Scholar: 15

12 papers indexed in journals of the first and second quartiles (Q1 and Q2) of the JCR

8 conference papers published in top conferences (according to the GGS classification proposed by the SCIE: <http://gii-grin-scie-rating.scie.es/>)



## Lola Burgueño Caballero

Surname(s): **Burgueño Caballero**  
 Name: **Lola**  
 ORCID: **0000-0002-7779-8810**  
 ScopusID: **55323008900**  
 ResearcherID: **L-3817-2014**  
 Gender: **Female**  
 Email: **lbuguenoc@uoc.edu**

### Current professional situation

**Employing entity:** Universitat Oberta de Catalunya  
**Type of entity:** University  
**Department:** Internet Interdisciplinary Institute (IN3) & Faculty of Computer Science, Multimedia and Telecommunications  
**Professional category:** Doctor  
**City employing entity:** Barcelona, Spain  
**Start date:** 01/06/2020  
**Type of contract:** Temporary employment contract  
**Dedication regime:** Full time

### Previous positions and activities

	Employing entity	Professional category	Start date
1	Universitat Oberta de Catalunya & CEA LIST	Doctor	01/10/2018
2	Universidad de Málaga	PhD In Computer Science and Engineering	29/04/2016
3	Marbella International University Centre	PhD In Computer Science and Engineering	04/09/2017
4	Ministerio de Ciencia e Innovación. Investigación	Engineer	02/01/2013
5	Universidad de Málaga (OTRI)	Engineer	14/11/2012
6	Universidad de Málaga	Engineer	16/11/2011



CURRÍCULUM VÍTAE NORMALIZADO

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## 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:** Analisis y Diseño con Patrones  
**University degree:** Graduado o Graduada en Ingeniería Informática  
**Entity:** Universitat Oberta de Catalunya **Type of entity:** University
- 2** **Name of the course:** Desarrollo de aplicaciones para dispositivos Android  
**University degree:** Master universitario Desarrollo de Aplicaciones para Dispositivos Móviles  
**Entity:** Universitat Oberta de Catalunya **Type of entity:** University
- 3** **Name of the course:** Informática  
**University degree:** Grado en Biología  
**Entity:** Universidad de Málaga **Type of entity:** University  
**Faculty, institute or centre:** Escuela Técnica Superior de Ingeniería Informática
- 4** **Name of the course:** Ingeniería Web: Modelado  
**University degree:** Máster Propio en Ingeniería Web RIATec  
**Entity:** Universidad de Málaga **Type of entity:** University  
**Faculty, institute or centre:** Escuela Técnica Superior de Ingeniería Informática
- 5** **Name of the course:** Ingeniería Web: Modelado  
**University degree:** Máster Propio en Ingeniería Web RIATec  
**Entity:** Universidad de Málaga **Type of entity:** University  
**Faculty, institute or centre:** Escuela Técnica Superior de Ingeniería Informática
- 6** **Name of the course:** Ingeniería Web: Modelado  
**University degree:** Máster Propio en Ingeniería Web RIATec  
**Entity:** Universidad de Málaga **Type of entity:** University  
**Faculty, institute or centre:** Escuela Técnica Superior de Ingeniería Informática
- 7** **Name of the course:** Ingeniería de Requisitos  
**University degree:** Grado en Ingeniería del Software  
**Entity:** Universidad de Málaga **Type of entity:** University  
**Faculty, institute or centre:** Escuela Técnica Superior de Ingeniería Informática
- 8** **Name of the course:** Ingeniería de Requisitos  
**University degree:** Graduado o Graduada en Ingeniería Informática  
**Entity:** Universitat Oberta de Catalunya **Type of entity:** University
- 9** **Name of the course:** Inteligencia de negocio y toma de decisiones  
**University degree:** International Business  
**Entity:** Marbella International University Centre **Type of entity:** University
- 10** **Name of the course:** Introducción a la Ingeniería del Software  
**University degree:** Grado en Ingeniería del Software  
**Entity:** Universidad de Málaga **Type of entity:** University  
**Faculty, institute or centre:** Escuela Técnica Superior de Ingeniería Informática





- 11** **Name of the course:** Métodos formales para la ingeniería del software  
**University degree:** Grado en Ingeniería del Software  
**Entity:** Universidad de Málaga **Type of entity:** University  
**Faculty, institute or centre:** Escuela Técnica Superior de Ingeniería Informática
- 12** **Name of the course:** Programación Orientada a Objetos  
**University degree:** Grado en Ingeniería Informática  
**Entity:** Universidad de Málaga **Type of entity:** University  
**Faculty, institute or centre:** Escuela Técnica Superior de Ingeniería Informática
- 13** **Name of the course:** Sistemas de Información y analíticas de negocio  
**University degree:** International Business  
**Entity:** Marbella International University Centre **Type of entity:** University

### Experience supervising doctoral thesis and/or final year projects

- 1** **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
- 2** **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
- 3** **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
- 4** **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
- 5** **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
- 6** **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



- 7** **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
- 8** **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
- 9** **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
- 10** **Project title:** Ongoing  
**Entity:** Universidad de Extremadura **Type of entity:** University  
**Student:** Jorge Perianez Pascual

## Teaching experience in courses and seminars for university teacher training

- 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

## Educational or pedagogical publications, books, articles, etc.

- 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

## 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:** 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 de Catalunya  
**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 €
- 2 **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; Universidad Politécnica de Valencia; 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 €
- 3 **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 €

**4 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 €

**5 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

**Nº 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

**6 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  
(TIN2011-15497-E)

**Type of entity:** State agency

**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 €

**7 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

**Nº 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 €

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

- 1 Name of the project:** Model-IA. The beginnings of cognified MDE Platform  
**Degree of contribution:** Researcher  
**N° 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 €
- 2 Name of the project:** POLYCIMS. Un Marco dirigido por modelos para el diseño e integración de sistemas de gestión de infraestructuras críticas  
**Degree of contribution:** Researcher  
**Name principal investigator (PI, Co-PI....):** Antonio Vallecillo  
**Funding entity or bodies:**  
Ministerio de Ciencia e Innovación **Type of entity:** TIN2014-52034-R  
**City funding entity:** Madrid, Community of Madrid, Spain

**Start date:** 01/01/2017
- 3 Name of the project:** Sistemas inalámbricos de gestión de información crítica  
**Degree of contribution:** Researcher  
**Name principal investigator (PI, Co-PI....):** Manuel Díaz  
**Funding entity or bodies:**  
Ministerio de Ciencia e Innovación **Type of entity:** TIN2011-23795  
**City funding entity:** Madrid, Community of Madrid, Spain

**Start date:** 02/01/2013
- 4 Name of the project:** MDD-MERT: Diseño y Monitorización Dirigido por Modelos de Sistemas  
**Degree of contribution:** Researcher  
**Name principal investigator (PI, Co-PI....):** Antonio Vallecillo  
**Funding entity or bodies:**  
Ministerio de Ciencia e Innovación **Type of entity:** TIN2008-03107  
**City funding entity:** Madrid, Community of Madrid, Spain

**Start date:** 16/11/2011

## Scientific and technological activities

### Scientific production

#### Publications, scientific and technical documents

- 1** Loli Burgueño; Jordi Cabot; Shuai Li; Sébastien Gérard. A Generic LSTM Neural Network Architecture to Infer Heterogeneous Model Transformations. Journal of Software and Systems Modeling (SoSyM). Springer, 2021.  
**Type of production:** Scientific paper **Format:** Journal  
**Corresponding author:** Yes
- 2** 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
- 3** 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
- 4** 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. Journal of Software & System Modeling. 19 - 5, pp. 1045 - 1053. Springer, 06/2020.  
**Type of production:** Scientific paper **Format:** Journal  
**Corresponding author:** No
- 5** 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
- 6** 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
- 7** 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



- 8** 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
- 9** 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
- 10** 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 Teufl; 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
- 11** 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
- 12** 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
- 13** 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
- 14** 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
- 15** 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
- 16** 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:** 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
- 2** **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.
- 3** **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. 31 - 34.
- 4** **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.
- 5** **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 Weysow. 48, pp. 1 - 10.

- 6** **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.
- 7** **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.
- 8** **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.
- 9** **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.
- 10** **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.



- 11 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      **Type of entity:** University  
Loli Burgueño; Jordi Cabot; Sébastien Gérard.
- 12 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".
- 13 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:** Copenague, Denmark  
**Date of event:** 15/10/2018  
**Organising entity:** IT University of Copenhagen      **Type of entity:** University  
**City organizing entity:** Copenague, Denmark  
Adrián García-López; Loli Burgueño; Antonio Vallecillo. "Static Analysis of Complex Event Processing Programs".
- 14 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:** Copenague, Denmark  
**Date of event:** 14/10/2018  
**End date:** 19/10/2018  
**Organising entity:** ITU Copenhaguen      **Type of entity:** University  
Loli Burgueño; Manuel F. Bertoa; Nathalie Moreno; Antonio Vallecillo. "Expressing Confidence in Models and Model Transformation Elements".
- 15 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:** Copenague, Denmark  
**Date of event:** 14/10/2018  
**End date:** 19/10/2018  
**Organising entity:** ITU Copenhaguen      **Type of entity:** University  
Gala Barquero; Loli Burgueño; Javier Troya; Antonio Vallecillo. "Extending Complex Event Processing to Graph-structured Information".



- 16** **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:** Copenague, Denmark  
**Date of event:** 14/10/2018  
**Organising entity:** IT University of Copenhagen      **Type of entity:** University  
**City organizing entity:** Copenague, Denmark  
Martin Gogolla; Loli Burgueño; Antonio Vallecillo. "Model Finding and Model Completion with USE".
- 17** **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".
- 18** **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".
- 19** **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".
- 20** **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".



- 21 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".
- 22 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".
- 23 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".
- 24 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.
- 25 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 Universitat Hannover  
Martin Gogolla; Antonio Vallecillo; Loli Burgueño; frank hilken. "Employing Classifying Terms for Testing Model Transformations".
- 26 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".

**27 Title of the work:** Towards Distributed Model Transformations with LinTra

**Name of the conference:** XXI Jornadas en Ingeniería del Software y Bases de Datos

**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".

**28 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".

**29 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".

**30 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".

**31 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".

**32 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".

**33 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".

**34 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.

**35 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 Burgueño; Antonio Vallecillo. "Towards Approximate Model Transformations".

**36 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".

**37 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".

**38 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 Burgueño. "TractsTool: Testing MTs Based on Contracts".

**39 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 Burgueño. "Concurrent and Distributed Model Transformations based on Linda".

**40 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".



- 41 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".
- 42 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 Burgueno; Javier Troya; Manuel Wimmer; Antonio Vallecillo. "On the Concurrent Execution of Model Transformations with Linda".
- 43 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".
- 44 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".





## R&D management and participation in scientific committees

### Organization of R&D activities

- 1** **Title of the activity:** Students Volunteer Chair at MODELS'21  
**Type of activity:** Organization **Geographical area:** Non EU International  
**Convening entity:** Kyushu University **Type of entity:** University  
**City convening entity:** Fukuoka, Japan  
**Start-End date:** 10/10/2021 - 15/10/2021
- 2** **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 **Type of entity:** University  
**City convening entity:** Málaga, Spain  
**Start-End date:** 22/09/2021 - 24/09/2021
- 3** **Title of the activity:** Communication and Social Media chair at 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
- 4** **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
- 5** **Title of the activity:** Chair of the workshop MDE Intelligence @ MODELS'20  
**Type of activity:** Organization  
**Convening entity:** Université de Montréal  
**City convening entity:** Montreal, Canada  
**Start-End date:** 16/10/2020 - 16/10/2020
- 6** **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
- 7** **Title of the activity:** Chair of the workshop MDE Intelligence @ MODELS'19  
**Type of activity:** Organization  
**Convening entity:** Fortiss **Type of entity:** R&D Centre  
**City convening entity:** Munich, Germany  
**Start-End date:** 16/09/2019 - 16/09/2019
- 8** **Title of the activity:** Local Organizer of ICSOC 2017  
**Geographical area:** Non EU International  
**Convening entity:** Universidad de Málaga **Type of entity:** University



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

- 9** **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
- 10** **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
- 11** **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
- 12** **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
- 13** **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
- 14** **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
- 15** **Title of the activity:** PhD symposium chair in the conference ICSSOC 2017  
**Geographical area:** Non EU International  
**Convening entity:** Universidad de Málaga **Type of entity:** University  
**Start date:** 13/11/2017
- 16** **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:** 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
- 2** **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

### Prizes, mentions and distinctions

- 1** **Description:** Accessit to the Best National PhD thesis Award  
**Awarding entity:** Sociedad de Ingeniería del Software y Tecnologías de Desarrollo de Software (SISTEDES) **Type of entity:** Associations and Groups  
**City awarding entity:** Spain  
**Conferral date:** 19/09/2018



- 2** **Description:** Best paper award in MODELS 2018  
**Awarding entity:** International Conference on Model Driven Engineering Languages and Systems  
**Conferral date:** 2018
- 3** **Description:** Cum Laude distinction in PhD  
**Awarding entity:** Universidad de Málaga **Type of entity:** University  
**City awarding entity:** Málaga, Andalusia, Spain  
**Conferral date:** 28/04/2016
- 4** **Description:** Bronze Medal in the ACM Student Research Competition at MODELS 2015  
**Awarding entity:** Association for Computing Machinery  
**Conferral date:** 01/10/2015
- 5** **Description:** Best paper award in MODELS 2015  
**Awarding entity:** International Conference on Model Driven Engineering Languages and Systems  
**Conferral date:** 2015
- 6** **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