

• PERSONAL INFORMATION

Family name, First name: Clarisó, Robert
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ResearcherID [B-5450-2009](https://orcid.org/B-5450-2009)
Scopus Author ID [8948086100](https://orcid.org/8948086100)
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• EDUCATION

2005 PhD in Computer Science
Thesis title: *Abstract Interpretation Techniques for the Verification of Timed Systems*
PhD advisor: Dr. Jordi Cortadella
Dept. de Llenguatges i Sistemes Informàtics, Univ. Politècnica de Catalunya, Spain
2000 BSc in Computer Science (*Ingeniería Informática*)
Facultat d'Informàtica de Barcelona, Univ. Politècnica de Catalunya, Spain

• CURRENT POSITION(S)

2005 - Associate Professor
IT, Multimedia and Telecommunications Dept., Univ. Oberta de Catalunya, Spain
2015 - Member of the [SOM Research Lab](#)
Internet Interdisciplinary Institute (IN3), Univ. Oberta de Catalunya, Spain

• PREVIOUS POSITIONS

2013 - 2014 Resident Researcher
Internet Interdisciplinary Institute (IN3), Univ. Oberta de Catalunya, Spain
2008 - 2015 Director of the [Research Group in Software Engineering](#)
Internet Interdisciplinary Institute (IN3), Univ. Oberta de Catalunya, Spain
2006 - 2011 Part-time associate professor
Dept. d'Eng. Informació i les Comunicacions, Univ. Autònoma de Barcelona, Spain
2006 - 2006 Part-time associate professor
Dept. de Llenguatges i Sistemes Informàtics, Univ. Politècnica de Catalunya, Spain
2000 - 2002 Researcher
Dept. de Llenguatges i Sistemes Informàtics, Univ. Politècnica de Catalunya, Spain
2001 - 2001 Research intern
Cadence Berkeley Labs, Cadence Design Systems, USA

• FELLOWSHIPS AND AWARDS

2018 [Distinguished referee](#) at the *Software: Practice and Experience* journal
2017 [Merits in teaching](#) for the period 2010-2015. Univ. Oberta de Catalunya, Spain
2017 [Merits in research](#) for the period 2011-2016. AQU Catalunya (Catalan University Quality Assurance Agency), Spain
2016 Accreditation as [tenured assistant professor](#) (“agregat”, “contratado doctor”). AQU Catalunya (Catalan University Quality Assurance Agency), Spain.
2011 [Merits in research](#) for the period 2005-2010. AQU Catalunya (Catalan University Quality Assurance Agency), Spain
2010 [Merits in teaching](#) for the period 2005-2009. Univ. Oberta de Catalunya, Spain
2008 Accreditation as a [tenure-track lecturer](#) (“lector”, “ayudante doctor”). AQU Catalunya (Catalan University Quality Assurance Agency), Spain
2003 - 2005 [FPU Scholarship](#) (Predoctoral grant for Training University Lecturers, Spanish Ministry of Science and Technology). Univ. Politècnica de Catalunya, Spain
2000 Special mention in the [Spanish National University Degree Awards](#)
2000 Top of the class (1 of 190, GPA: 9.35/10). Facultat d'Informàtica de Barcelona, Spain
1999 - 2000 Grant ([Beca Colaboración](#)) for senior Bachelor students, Spanish Ministry of Science and Education. Dept. Llenguatges i Sistemes Informàtics, Univ. Politècnica de Catalunya, Spain

• TEACHING ACTIVITIES

- 2005 - Lecturer - Compilers, Automata Theory, Algorithms and Data Structures, Graph and Complexity Theory, Knowledge Representation, Formalisation and Proofs, Mobile Software Development. Univ. Oberta de Catalunya, Spain
- 2006 - 2011 Part-time associate professor - Automata theory. Univ. Autònoma de Barcelona, Spain
- 2006 - 2006 Part-time associate professor - Compilers. Univ. Politècnica de Catalunya, Spain

• ORGANISATION OF SCIENTIFIC MEETINGS

- 2021 [Int. Workshop on OCL and Textual Modeling \(OCL'2021\)](#). Program co-chair (with Dr. Ed Willink and Dr. Daniel Calegari), Norway
- 2018 [Int. Workshop on OCL and Textual Modeling \(OCL'2018\)](#). Program co-chair (with Dr. Achim Brucker and Dr. Hao Wu), Denmark
- 2017 [European Conference on Object-Oriented Programming \(ECOOP'2017\)](#). Student volunteer co-Chair (with Dr. Elvira Pino), Spain
- 2017 [15th Int. Conference on Business Process Management \(BPM'2017\)](#). Demo Session co-Chair (with Dr. Henrik Leopold), Spain
- 2011 [Int. Workshop on OCL and Textual Modeling \(OCL'2011\)](#). Program co-chair (with Dr. Jordi Cabot, Dr. Martin Gogolla and Dr. Burkhart Wolff), Switzerland
- 2008 [27th International Conference on Conceptual Modeling \(ER'2008\)](#). Member of the local organizing committee, Spain
- 2004 [European Joint Conferences on Theory and Practice of Software \(ETAPS'2004\)](#). Member of the local organizing committee, Spain

• INSTITUTIONAL RESPONSIBILITIES at Univ. Oberta de Catalunya

- 2020 - Academic Director, BSc in Techniques for Software Development
- 2013 - Academic Committee member, PhD Programme in Network and Information Technologies
- 2019 - Coordinator of Computing degrees in the UOC-IMT Department
- 2015 - 2021 Member of the UOC University Council (representative of academic staff)
- 2019 - 2019 Academic Director, BSc in Computing Engineering
- 2011 - 2019 Academic Director, MSc in Computing Engineering
- 2008 - 2011 Postgraduate director of IT Programmes
- 2008 - 2014 Coordinator of undergraduate thesis for Bachelor students in IT

• COMMISSIONS OF TRUST

- 2012 - 2013 Teaching Performance Review Board member. Univ. Oberta de Catalunya, Spain.
- 2009 - 2010 External project reviewer, Israel Science Foundation (ISF)

Selected PC Member: Int. Conf. on Software Engineering and Formal Methods (SEFM'2019), Int. Conf. on Model Driven Engineering Languages and Systems (MODELS'2015, MODELS Educator Symposium'2018), Int. Conf. On Tests and Proof (TAP'2011-2015), Int. Conf. on the Quality of Information and Communications Technology (QUATIC'2018-2021), Int. Conf. Appl. of Concurrency to System Design (ACSD'2011, 2014), Int. Conf. on Model Transformation (ICMT'2010), European Conf. on Modelling Foundations and Applications (ECMFA'2021), Int. Workshop on Gamification and Games for Learning (GamiLearn'2018-2019), Int. Conf. on Electronics, Electrical Engineering and Computing (INTERCON'2017-2018), IEEE Andean Council International Conference (ANDESCON'2016), Int. Workshop on OCL and Textual Modeling (OCL'2010-2017, 2019), Workshop on Model-Driven Engineering, Logic and Optimization (MELO'2011,2016), Workshop on Model-Driven Interoperability (MDI'2010), Jornadas de Ingeniería del SW y BB.DD. (JISBD'2011-2015, 2017-2021).

Selected Conference Reviewer: ASYNC (2005, 2007), ATPN (2002-2003, 2007, 2011-2013), DAC (2003-2004), FORMATS (2003-2004), ASP-DAC (2003), SAS (2008), ASE (2009,2014), FASE (2009, 2011, 2014, 2017, 2021), MODELS (2009-2011, 2020), VLHCC (2010), ICMT (2010), ICFEM (2010), ACSD (2010), SLE (2011, 2017), SEFM (2013), ECMFA (2011, 2014, 2016).

Selected Journal Reviewer: IEEE Transactions on CAD (2007), Higher Order and Symbolic Computation (2008), Simulation (2008-2009), ACM Transactions on Software Engineering Methodology

(2011-2012), Computers & Electrical Engineering (2013), Science of Computer Programming (2013), Software and Systems Modeling (2013, 2015-2017, 2019-2020), IEEE Transactions on Learning Technologies (2014), ACM Transactions on Embedded Computing Systems (2014), IET Software (2015-2017), Journal of Object Technology (2015, 2019-2020), Journal of Systems and Software (2015-2018), Computer (2017), Computer Languages, Systems and Structures (2017-2018), Educational Technology in Higher Education (2017-2018), Software: Practice & Experience (2017-2018), Information Systems (2018), IEEE Transactions on Software Engineering (2019-2020), Formal Aspects of Computing (2020), Software Quality Journal (2021), Journal of Web Semantics (2021).

• GRANTS AND RESEARCH PROJECTS

<i>Project title</i>	<i>Funding source</i>	<i>Amount (Euros)</i>	<i>Period</i>	<i>Principal Investigator</i>
Design automation for embedded electronic systems	Cadence Design Systems	57.632€	2001 - 2002	Jordi Cortadella (Univ. Politècnica de Catalunya, Spain)
MAVERISH: Modeling, Verification and Analysis of Heterogeneous Systems	Spanish Ministry of Science and Technology Project ID: CICYT TIC2001-2476	275.000€	2002 - 2004	Fernando Orejas (Univ. Politècnica de Catalunya, Spain)
Design and construction of a conceptual modelling assistant	Spanish Ministry of Science and Education Project ID: TIN2008-00444	169.000€	2009 - 2014	Antoni Olivé (Univ. Politècnica de Catalunya, Spain)
Best practices in Bachelor's final projects	Spanish Ministry of Science and Innovation Project ID: E/A2011-0088	22.566€	2012 - 2012	Davínia Hernández-Leo (Univ. Pompeu Fabra, Spain)
Research Group in Software Engineering	AGAUR (Catalan Agency for University and Research Grants), Spain	–	2014 - 2016	Robert Clarisó (Univ. Oberta de Catalunya, Spain)
ICT-FLAG: Enhancing ICT education through Formative Assessment, Learning Analytics and Gamification	Spanish Ministry of Economy and Competitiveness Project ID: TIN2013-45303-P	63.712€	2014 - 2016	Robert Clarisó, Santi Caballé (Univ. Oberta de Catalunya, Spain)
Open Data for All: an API-based infrastructure for exploiting online data sources	Spanish Ministry of Economy and Competitiveness Funding ID: TIN2016-75944-R	77.198€	2017 - 2020	Jordi Cabot (ICREA, Spain)
Spanish Research Network in Model-Driven Engineering (MDE)	Spanish Ministry of Economy, Industry and Competitiveness Project ID: TIN2016-81836-REDT	15.000€	2017-2019	Robert Clarisó (Univ. Oberta de Catalunya, Spain)
MegaM@Rt2: MegaModelling at Runtime - scalable model-based framework for continuous development and runtime validation of complex systems	H2020 ECSEL Joint Undertaking Project ID: 737494	16.5M€	2017 - 2020	UOC Node: Jordi Cabot (ICREA, Spain)

LOCOS: Low-code development of smart software	Spanish Ministry of Science and Innovation Project ID: PID2020-114615RB-I00	56.870€	2021-2024	Robert Clarisó (Univ. Oberta de Catalunya, Spain), Jordi Cabot (ICREA, Spain)
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• MEMBERSHIPS OF SCIENTIFIC SOCIETIES

- 2017 - 2019 Spanish Research Network “MDE” (Model-Driven Software Engineering, TIN2016-81836-REDT).
- 2015 - 2016 Spanish Research Network “MDE” (Model-Driven Software Engineering, TIN2014-53555-REDT).
- 2012 - 2014 Spanish Research Network “TeDIS” (Technologies for the Industrial Development of Software, TIN 2011-15009-E).
- 2009 - 2011 Spanish Research Network “DSDM” (Model-Driven Software Development, TIN2008-00889-E/TIN).
- 2006 - Association for Computer Machinery (ACM).
- 2006 - 2012 Institute of Electrical and Electronic Engineers (IEEE).
- 2002 - 2003 Working Group on Asynchronous Circuit Design (ACID-WG, IST-1999-29119).

• BOOKS

1. S. Caballé, R. Clarisó (editors). [Formative Assessment, Learning Data Analytics and Gamification in ICT Education](#). Intelligent Data Centric Systems series, Academic Press - Elsevier, 2016. ISBN: 978-0-12-803637-2

• INDEXED JOURNAL PUBLICATIONS

1. R. Clarisó, C. A. González, J. Cabot. [Smart Bound Selection for the Verification of UML/OCL Class Diagrams](#). IEEE Transactions on Software Engineering, 45(4):412–426, 2019.
2. D. Bañeres, R. Clarisó. [Evaluation of a New Self-Study Platform for Introductory Digital Systems](#). International Journal of Engineering Education, 35(1(A)):286–303, 2019.
3. A. Zolotas, R. Clarisó, N. Matragkas, D.S. Kolovos, R. F. Paige. [Constraint Programming for Type Inference in Flexible Model-Driven Engineering](#). Computer Languages, Systems & Structures, 49:216–230, 2017.
4. R. Clarisó, J. Cabot, E. Guerra, J. de Lara. [Backwards reasoning for model transformations: Method and applications](#). Journal of Systems and Software, 116:113–132, 2016.
5. J. Cabot, R. Clarisó, D. Riera. [On the Verification of UML/OCL Class Diagrams Using Constraint Programming](#). Journal of Systems and Software, 93:1–23, 2014.
6. D. Bañeres, R. Clarisó, J. Jorba, M. Serra. [Experiences in Digital Circuit Design Courses: A Self-Study Platform for Learning Support](#). IEEE Transactions on Learning Technologies, 7(4):360-374, 2014.
7. J. Cabot, R. Clarisó, E. Guerra, J. de Lara. [Verification and Validation of Declarative Model-to-Model Transformations Through Invariants](#). Journal of Systems and Software, 83(2): 283-302, 2010.
8. J. Cabot, R. Clarisó, E. Guerra, J. de Lara. [A UML/OCL Framework for the Analysis of Graph Transformation Rules](#). Software and Systems Modeling. 9(3): 335-357, 2010.
9. R. Clarisó, J. Cortadella. [The octahedron abstract domain](#). Science of Computer Programming, 64(1):115-139, 2007.

10. R. Clarisó, J. Cortadella. [Verification of Concurrent Systems with Parametric Delays using Octahedra](#). *Fundamenta Informaticae*, 78(1):1-33, 2007.

• NON-INDEXED JOURNAL PUBLICATIONS

1. R. Clarisó, C. A. González, J. Cabot. [Incremental Verification of UML/OCL models](#). *Journal of Object Technology*, 19(3):1–16, 2020. DOI: 10.5381/jot.2020.19.3.a7.
2. J.-R. Rodríguez, R. Clarisó, J. M. Marco-Simó. [Towards a Framework for Assessing IT Strategy Execution](#). *Computers*, 8(69), 2019. DOI: 10.3390/computers8030069
3. D. Gañán, S. Caballé, R. Clarisó, J. Conesa, D. Bañeres. [ICT-FLAG: A Web-based e-Assessment Platform Featuring Learning Analytics and Gamification](#). *International Journal of Web Information Systems*, 13(1), 2017. DOI: 10.1108/IJWIS-12-2016-0074.
4. R. Clarisó, M. J. Marco, J.M. Marco-Simó, J. Prieto, D. Riera. [El Máster Universitario en Ingeniería Informática en un contexto no presencial](#). *ReVisión*, 8(2), 2015.
5. J. Cabot, R. Clarisó. [Evaluating the Quality of Software Models using Light-weight Formal Methods](#). *ERCIM News*, 99:29–30, 2014.
6. À. Rius, R. Clarisó, D. Masip. [Student projects empowering mobile learning in higher education](#). *Universities and Knowledge Society Journal (RUSC)*, 11(1):192–207, 2014.
7. D. Hernández-Leo, V. Moreno Oliver, I. Camps, R. Clarisó, A. Martínez-Monés, M.J. Marco, J. Melero. [Implementación de buenas prácticas en los Trabajos Fin de Grado](#). *Revista de Docencia Universitaria*, 11:269–278, 2013.
8. J. Cabot, R. Clarisó, M. Gogolla, B. Wolff. [Preface to the Proceedings of the Workshop on OCL and Textual Modeling \(OCL 2011\)](#). *Electronic Communications of the EASST*, 44, 2011.

• INTERNATIONAL CONFERENCE PUBLICATIONS

1. L. Burgueño, R. Clarisó, S. Li, S. Gérard, J. Cabot. [A NLP-based architecture for the auto-completion of partial domain models](#). In *Proc. 33rd International Conference on Advanced Information Systems Engineering (CAISE'2021)*. *Lecture Notes in Computer Science*, vol. 12751, pp. 91–106, Springer. DOI: 10.1007/978-3-030-79382-1_6
2. A. Sree-Kumar, E. Planas, R. Clarisó. [Validating Feature Models With Respect to Textual Product Line Specifications](#). In *Proc. 15th International Working Conference on Variability Modelling of Software-Intensive Systems (VaMOS'2021)*, article #15, pp.1–10, ACM.
3. M. Gasparini, R. Clarisó, M. Brambilla, J. Cabot. [Participation Inequality and the 90-9-1 Principle in Open Source](#). In *Proc. 16th International Symposium on Open Collaboration (OpenSym'2020)*, Virtual Conference, ACM.
4. R. Clarisó, J. Cabot. [Diverse scenario exploration in model finders using graph kernels and clustering](#). In *Proc. 7th International Conference on Rigorous State Based Methods (ABZ'2020)*, pp. 27–43, Springer.
5. L. Burgueño, J. Cabot, R. Clarisó, M. Gogolla. [A Systematic Approach to Generate Diverse Instantiations for Conceptual Schemas](#). In *Proc. 38th International Conference on Conceptual Modeling (ER'2019)*, *Lecture Notes in Computer Science*, vol 11788, pp. 512–531, Springer.
6. M. Gasparini, J. L. Cánovas-Izquierdo, R. Clarisó, M. Brambilla, J. Cabot. [Analyzing Rich-Club Behavior in Open Source Projects](#). In *Proc. 15th International Symposium on Open Collaboration (OpenSym'2019)*, pp. 6:1–6:9.
7. J.-R. Rodríguez, R. Clarisó, J. Marco-Simó. [Strategy in the making: Assessing the execution of a Strategic Information Systems Plan](#). In *Proc. European, Mediterranean and Middle Eastern Conference on Information Systems (EMCIS'2018)*, *Lecture Notes in Business Information Processing*, vol 341, pp. 475–488, Springer.

8. A. Sree-Kumar, E. Planas, R. Clarisó. [Extracting Software Product Line Feature Models from Natural Language Specifications](#). In. Proc. 22nd International Systems and Software Product Line Conference (SPLC'2018), Volume 1, pp. 43–53, ACM.
9. R. Clarisó, J. Cabot. [Fixing defects in integrity constraints via constraint mutation](#). In Proc. 11th International Conference on the Quality of Information and Communications Technology (QUATIC'2018), pp. 74-82, IEEE, 2018.
10. J. Sánchez Cuadrado, E. Guerra, J. de Lara, R. Clarisó, J. Cabot. [Translating target to source constraints in model-to-model transformations](#). In Proc. 20th ACM/IEEE International Conference on Model Driven Engineering Languages and Systems (MODELS'2017), pp. 12–22, IEEE Computer Society, 2017.
11. D. Bañeres, S. Caballé, R. Clarisó. [Towards a Learning Analytics Support for Intelligent Tutoring Systems on MOOC Platforms](#). In Proc: 10th International Conference on Complex, Intelligent, and Software Intensive Systems (CISIS'2016), pp.103–110, IEEE Computer Society, 2016.
12. D. Gañán, S. Caballé, R. Clarisó, J. Conesa. [Analysis and Design of an eLearning Platform Featuring Learning Analytics and Gamification](#). In Proc: 10th International Conference on Complex, Intelligent, and Software Intensive Systems (CISIS'2016), pp.87–94, IEEE Computer Society, 2016.
13. D. Gañán, S. Caballé, R. Clarisó, J. Conesa. [A Prototype of an eLearning Platform in Support for Learning Analytics and Gamification](#). International Conference on Intelligent Networking and Collaborative Systems (INCoS'2016), pp. 362–369, IEEE, 2016.
14. R. Clarisó, C.A. González, J. Cabot. [Towards domain refinement for UML/OCL bounded verification](#). In Proc. 13th Int. Conf. on Software Engineering and Formal Methods (SEFM'2015), pages 108-114, volume 9276 of LNCS, Springer, 2015.
15. A. Shaikh, R. Clarisó, U.K. Wiil, N. Memon. [Verification-driven slicing of UML/OCL Models](#). In Proc. 25th IEEE/ACM Int. Conf. on Automated Software Engineering (ASE'2010), pages 185-194, ACM, 2010.
16. J. Cabot, R. Clarisó, E. Guerra, J. de Lara. [Synthesis of OCL Pre-conditions for Graph Transformation Rules](#). In Proc. 3rd Int. Conf. on Model Transformation (ICMT'2010), volume 6142 of LNCS, pages 45-60, Springer-Verlag, 2010.
17. J. Cabot, R. Clarisó, D. Riera. [Verifying UML/OCL Operation Contracts](#). In Proc. 7th Int. Conf. on Integrated Formal methods (iFM'2009), volume 5423 of LNCS, pages 40-55, Springer-Verlag, February 2009.
18. J. Cabot, R. Clarisó, E. Guerra, J. de Lara. [An Invariant-Based Method for the Analysis of Declarative Model-to-Model Transformations](#). In Proc. 11th Int. Conf. on Model-Driven Engineering Languages and Systems (MODELS'2008), volume 5301 of LNCS, pages 37-52, Springer-Verlag, September 2008.
19. J. Cabot, R. Clarisó, E. Guerra, J. de Lara. [Analysing Graph Transformation Rules Through OCL](#). In Proc. Int. Conf. on Model Transformation (ICMT'2008), volume 5063 of LNCS, pages 225-239, Springer-Verlag, July 2008.
20. J. Cabot, R. Clarisó, D. Riera. [UMLtoCSP: A Tool For the Formal Verification of UML/OCL Models Using Constraint Programming](#). In Proc. 22nd ACM/IEEE Int. Conf. on Automated Software Engineering (ASE'2007), pages 547-548. November 2007.
21. R. Clarisó and J. Cortadella. [Verification of Concurrent Systems with Parametric Delays Using Octahedra](#). In Proc. 5th Int. Conf. on Application of Concurrency to System Design (ACSD'2005), pages 122-131, IEEE Computer Society Press. 2005.

22. R. Clarisó, E. Rodríguez-Carbonell and J. Cortadella. [Derivation of Non-structural Invariants of Petri Nets Using Abstract Interpretation](#). In Proc. 26th Int. Conf. On Application and Theory of Petri Nets and Other Models of Concurrency (ICATPN'2005), volume 3536 of LNCS, pages 188-207, Springer-Verlag, 2005.
23. R. Clarisó and J. Cortadella. [The octahedron abstract domain](#). In 11th Static Analysis Symposium (SAS'2004), volume 3148 of LNCS, pages 312-327. Springer-Verlag, 2004.

• WORKSHOP AND NATIONAL CONFERENCE PUBLICATIONS

1. J. Cabot, L. Burgueño, R. Clarisó, G. Daniel, J. Perianez-Pascual, R. Rodríguez-Echeverria. [Testing challenges for NLP-intensive bots](#). 3rd International Workshop on Bots in Software Engineering (BotSE'2021), Madrid, Spain (virtual event), pp. 31-34, IEEE. DOI: 10.1109/BotSE52550.2021.00014.
2. R. Clarisó, M. Gogolla. [A Feasibility Study on Using Classifying Terms in Alloy](#). 19th International Workshop in OCL and Textual Modeling (OCL'20129), Munich, Germany.
3. J. L. Cánovas-Izquierdo, R. Clarisó, D. Baneres. [Una herramienta para la evaluación de debates en aulas virtuales](#). XXV Jornadas sobre la Enseñanza Universitaria de la Informática (JENUI 2019).
4. L. Burgueño, R. Clarisó, J. Cabot, S. Gérard, A. Vallecillo. [Belief Uncertainty in Software Models](#). In Proc. 11th Workshop on Modelling in Software Engineering (MiSE'2019) - co-located with ICSE'2019, 19-26.
5. R. Clarisó, J. Cabot. [Applying Graph Kernels to Model-Driven Engineering Problems](#). In Proc. 1st International Workshop on Machine Learning and Software Engineering in Symbiosis (MASSES'2018). ISBN: 978-1-4503-5972-6/18/09. ACM, New York.
6. J. Cabot, R. Clarisó, M. Brambilla, S. Gérard. [Cognifying Model-Driven Software Engineering](#). In Proc. Workshop on Grand Challenges in Modeling 2017 (Grand'2017).
7. R. Clarisó, J. Arnedo-Moreno, D. Bañeres, S. Caballé, J. Conesa, D. Gañán. [Gamification as a Service for Formative Assessment E-Learning Tools](#). In Proc. 1st Workshop on Gamification and Games for Learning (GamiLearn'2017). ISBN: 978-84-697-3570-1. 2017.
8. D. Gañán, S. Caballé, R. Clarisó, J. Conesa. [Towards the Effective Software Development of an eLearning Platform Featuring Learning Analytics and Gamification](#). In Proc. 4th Int. Workshop on Collaborative Enterprise Systems (COLLABES'2016) in conjunction with the 30th IEEE Int. Conf. on Advanced Information Networking and Applications (AINA'2016), March 23-25, 2016. Crans-Montana, Switzerland, pp. 177-182. IEEE Computer Society. ISBN: 978-1-5090-2461-2/16. **Best paper award**
9. A. Sree-Kumar, E. Planas, R. Clarisó. [Analysis of Feature Models Using Alloy: A Survey](#). In Julia Rubin and Thomas Thüm: Proc. 7th Int. Workshop on Formal Methods and Analysis in Software Product Line Engineering (FMSPLE 2016), Eindhoven, The Netherlands, April 3, 2016, Electronic Proceedings in Theoretical Computer Science 206, pp. 46-60.
10. I. Colomina, J. Arnedo-Moreno, R. Clarisó. [A Study on Practices against Malware in Free Software Projects](#). In Proc. 9th International Symposium on Frontiers of Information Systems and Network Applications (FINA'2013) in conjunction with the 27th International Conference on Advanced Information Networking and Applications (AINA'2013), pp. 1070-1075, 2013.
11. C. A. González, F. Büttner, R. Clarisó, J. Cabot. [EMFtoCSP: a tool for the lightweight verification of EMF models](#). In Proc. 1st Int. Workshop on Formal Methods in Software Engineering - Rigorous and Agile Approaches (FormSERA), 44-50, IEEE, 2012.
12. S. Sánchez-Alonso, D. Rodríguez-García, R. Clarisó. [Comparing a fully online course to a blended one: the case of compilers](#). In. Proc. 2nd Workshop on Methods and Cases in Computing Education (MCCE'09), 2009.

13. J. Cabot, R. Clarisó. [UML/OCL Verification in Practice](#). In Proc. 1st International Workshop on Challenges in Model-Driven Software Engineering (ChaMDE'2008), 2008.
14. J. Cabot, R. Clarisó, D. Riera. [Verification of UML/OCL Class Diagrams using Constraint Programming](#). In Proc. ICST Workshop on Model Driven Engineering, Verification and Validation: Integrating Verification and Validation in MDE (MoDeVVA'2008), pp. 73–80, 2008.
15. J. Cabot, R. Clarisó, P. de la Fuente, D. Riera. [UMLtoCSP: Una herramienta para la verificación de modelos UML/OCL mediante Constraint Programming](#). XII Jornadas de Ingeniería del Software y Bases de Datos (JISBD 2007), pp. 385–386, 2007.
16. R. Clarisó, J. Cortadella. [Verification of parametric timed circuits using octahedra](#). In Proc. International Workshop on Designing Correct Circuits (DCC'04), 2004.
17. R. Clarisó, J. Cortadella. [Verification of timed circuits with symbolic delays](#). In Proc. of the 12th International Workshop on Logic and Synthesis (IWLS'03), pp. 310–317, 2003.
18. R. Clarisó, J. Cortadella. [Symbolic timing analysis for the verification of asynchronous circuits](#). In 3rd Workshop of the Working Group on Asynchronous Circuit Design (ACiD-WG'03), 2003.
19. R. Clarisó, J. Cortadella, A. Kondratyev, L. Lavagno, C. Passerone and Y. Watanabe. [Synthesis of embedded software for reactive systems](#). In Proc. 2nd International Workshop on Integration of Specification Techniques for Applications in Engineering (INT'02), pp. 2–20, 2002.

• INVITED PRESENTATIONS

1. Invited course: *Model-Driven Engineering meets Artificial Intelligence*. Postgraduate course at the [Facultad de Ingeniería](#) of the [Universidad de la República](#). Montevideo, Uruguay. 08/04/2019-10/04/2019.
2. Invited talk: *Máster en Ingeniería Informática: Una perspectiva online*. [Panel on “Desafíos de los Másteres en Ingeniería Informática”](#). XXI Jornadas sobre la Enseñanza Universitaria de la Informática. Andorra la Vella, Andorra. 10/07/2015.
3. Invited talk: *Applying Constraint Programming to MDE problems*. AtlanMod research group. INRIA/LINA/École des Mines de Nantes, France. 14/12/2010.
4. Invited talk: *Verifying UML/OCL class diagrams*. Masters Course on “Formal Model-Driven Software Development”. Escuela Politécnica Superior, Univ. Autónoma de Madrid, Spain. 09/12/2008.