• PERSONAL INFORMATION

Family name, First name:	Clarisó, Robert
Researcher unique identifier:	ORCID 0000-0001-9639-0186
	ResearcherID B-5450-2009
	Scopus Author ID 8948086100
Date of birth:	July 17, 1977
URL for web site:	http://w.uoc.edu/robert-clariso/EN

• 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

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

2015 -	Member of the UOC University Council (representative of academic staff)
2013 -	Academic Committee member, PhD Programme in Network and Information Technologies
2019 -	Coordinator of Computing degrees in the UOC-IMT Department
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. Conference On Tests and Proof (TAP'2011-2015), Int. Conf. on the Quality of Information and Communications Technology (QUATIC'2018-2020), Int. Conf. Appl. of Concurrency to System Design, (ACSD'2011, 2014), Int. Conf. on Model Transformation (ICMT'2010), 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, 2017-2020).

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), 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).

- **GRANTS AND RESEARCH PROJECTS**

Project title	Funding source	Amount (Euros)	Period	Principal Investigator
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 Competitivity 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 Competitivity 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 Competitivity 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)

• 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, 2020. To appear.

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. 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), ACM.

2. R. Clarisó, J. Cabot. Diverse scenario exploration in model finders using graph kernels and clustering. 7th International Conference on Rigorous State Based Methods (ABZ'2020), Springer, pp. 27–43.

3. 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.

4. 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.

5. 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.

6. 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.

7. 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.

8. 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.

9. 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.

10. 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.

11. 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.

12. 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.

13. 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.

14. 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.

15. 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.

16. 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.

17. 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.

18. 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.

19. 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.

20. 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.

21. 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. 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.

2. 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).

3. 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.

4. 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 (MASES'2018). ISBN: 978-1-4503-5972-6/18/09. ACM, New York.

5. J. Cabot, R. Clarisó, M. Brambilla, S. Gérard. Cognifying Model-Driven Software Engineering. In Proc. Workshop on Grand Challenges in Modeling 2017 (Grand'2017).

6. 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.

7. 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**

8. 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.

9. 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 conjuntion with the 27th International Conference on Advanced Information Networking and Applications (AINA'2013), pp. 1070–1075, 2013.

10. 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.

11. 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.

12. J. Cabot, R. Clarisó. UML/OCL Verification in Practice. In Proc. 1st International Workshop on Challenges in Model-Driven Software Engineering (ChaMDE'2008), 2008.

13. 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.

14. 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.

15. R. Clarisó, J. Cortadella. Verification of parametric timed circuits using octahedra. In Proc. International Workshop on Designing Correct Circuits (DCC'04), 2004.

16. 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.

17. 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.

18. 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.