

CURRICULUM VITAE

PERSONAL DATA

NAME: Enrique Martínez López
DATE OF BIRTH: 3-1-1983
PLACE OF BIRTH: Albacete, Spain
MARITAL STATUS: Single
HOME ADDRESS: C/ Baños, N° 54, Albacete, España
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CURRENT POSITION

- Collaborating with the RETICS research group in the INSTITUTO DE INVESTIGACIÓN EN INFORMÁTICA DE ALBACETE.

STUDIES

- 2009-2011: UNIVERSITY OF CASTILLA-LA MANCHA
Ph.D. in *Advanced Computer Science*.
Thesis Title: "Contractual Verification of Web Service Compositions with Time Constraints".
Mention: Summa Cum Laude.
- 2007-2009: UNIVERSITY OF CASTILLA-LA MANCHA
Master degree in Advanced Computer Science.
Master Thesis: "Formalización y verificación de contratos electrónicos orientados a Servicios Web".
Mention: Excellent.
- 2001-2007: UNIVERSITY OF CASTILLA-LA MANCHA
Degree in *Computer Science*.
Academic Program Average Mark: 8,3

WORK EXPERIENCE

- 2007-2008: Working full-time at the RETICS research group in the INSTITUTO DE INVESTIGACIÓN EN INFORMÁTICA DE ALBACETE.
- 2007: 8 months working full-time at the SIDIS research group in the INSTITUTO DE INVESTIGACIÓN EN INFORMÁTICA DE ALBACETE.
- 2006: 3 months working full-time at the SIDIS research group in the INSTITUTO DE INVESTIGACIÓN EN INFORMÁTICA DE ALBACETE.
- 2006: 3 months of professional practices at the SIDIS research group in the INSTITUTO DE INVESTIGACIÓN EN INFORMÁTICA DE ALBACETE.

JOURNAL PAPERS

- 2012: "WST: A Tool Supporting Composite Web Services Model Transformation".
María Emilia Cambroneró, Gregorio Díaz, Valentín Valero, Enrique Martínez and Llanos Tobarra.

Published in *SIMULATION: Transactions of The Society for Modeling and Simulation International*, , 88(3): 349-364, SAGE Publications.

- 2011: "Design and Generation of Web Services Choreographies with Time Constraints".
María Emilia Cambroneró, Valentín Valero and Enrique Martínez.
Published in *Journal of Universal Computer Science*, 17: 1800-1829, Graz University of Technology, Universiti Malaysia Sarawak and Know-Center.
- 2011: "Validation and Verification of Web Services Choreographies by using Timed Automata".
María Emilia Cambroneró, Gregorio Díaz, Valentín Valero and Enrique Martínez.
Published in *The Journal of Logic and Algebraic Programming*, 80: 25-49, Elsevier.

CONTRIBUTIONS IN CONFERENCES AND WORKSHOPS

- 2011: "Contractual Compliance Checking of Service Compositions".
Enrique Martínez, Gregorio Díaz y María Emilia Cambroneró.
The Ninth International Conference on Service Oriented Computing (CORE A), LNCS 7084: pp. 636-644, Springer-Verlag.
- 2011: "Timed Automata Semantics for Visual e-Contracts".
Enrique Martínez, María Emilia Cambroneró, Gregorio Díaz y Gerardo Schneider.
Fifth Workshop on Formal Languages and Analysis of Contract-Oriented Software, EPTCS 68: pp. 7-21.
- 2011: "Analysis and Verification of Web Services Resource Framework (WSRF) specifications Using Timed Automata Modeling Conference Contribution Management Using Web Services".
José Antonio Mateo, Valentín Valero, Enrique Martínez y Gregorio Díaz.
The Sixth International Conference on Internet and Web Applications and Services (CORE C), pp. 222-227, XPS.
- 2010: "Automated Analysis of Conflicts in Software Product Lines".
Enrique Martínez y Gerardo Schneider.
1st International Workshop on Formal Methods in Software Product Lines Engineering, in SPLC 2010, Volume 2: pp. 75-82, Lancaster University.
- 2010: "Visual Specification of Formal e-Contracts".
Enrique Martínez, Gregorio Díaz y María Emilia Cambroneró.
Fourth Workshop on Formal Languages and Analysis of Contract-Oriented Software, pp. 55-62, University of Pisa.
- 2010: "A Model for Visual Specification of e-Contracts".
Enrique Martínez, Gregorio Díaz, María Emilia Cambroneró y Gerardo Schneider.
The 7th IEEE International Conference on Services Computing (CORE A), pp. 1-8, IEEE Computer Society.
- 2010: "Modeling Conference Contribution Management Using Web Services".
José Antonio Mateo, Gregorio Díaz, Enrique Martínez y María Emilia Cambroneró.
The Fifth International Conference on Internet and Web Applications and Services (CORE C), pp. 463-468, IEEE Computer Society.
- 2009: "Formal Study of Prioritized Service Compositions".

César Andrés, Gregorio Díaz, Enrique Martínez y Yaofeng Zhang.
International conference on signal-image technology & internet based systems, 5th, pp. 355-362, IEEE Computer Society.

- 2009: “A comparative study between WSCI, WS-CDL, and OWL-S”.
María Emilia Cambroneró, Gregorio Díaz, Enrique Martínez y Valentín Valero.
The 2009 IEEE International Conference on e-Business Engineering (CORE B), pp. 377-382, IEEE Computer Society.
- 2009: “Time Ordering Architecture in SCA”.
Enrique Martínez, Gregorio Díaz, Carmen Rosa Martínez, María Emilia Cambroneró y Valentín Valero.
TAMoCo 2009 Techniques and Applications for Mobile Commerce, pp. 117-126, IOS Press.
- 2009: “Transforming WS-CDL specifications into Coloured Petri Nets”.
Valentín Valero, Hermenegilda Macià y Enrique Martínez.
International Workshop on Petri Nets and Software Engineering, pp. 298-313, University of Hamburg.
- 2009: “A Petri Net Semantics for WS-CDL”.
Valentín Valero, Hermenegilda Macià y Enrique Martínez.
XVII Jornadas de Concurrencia y Sistemas Distribuidos, pp. 35-50, Universidad Politécnica de Valencia.
- 2009: “Design and Verification of Web Services Compositions”.
Enrique Martínez, María Emilia Cambroneró, Gregorio Díaz y Valentín Valero.
The Fourth International Conference on Internet and Web Applications and Services (CORE C), pp. 395-400, IEE Computer Society.
- 2008: “A Tool for the Design and Verification of Composite Web Services”.
María Emilia Cambroneró, Gregorio Díaz, Valentín Valero y Enrique Martínez.
Second International Workshop on Formal Languages and Analysis of Contract-Oriented Software, pp. 9-16, University of Oslo.

TEACHING

- 2011: University of Castilla-La Mancha.
Practice in *Distributed Systems* (30 hours, fifth four-month period of the *degree in computer science*).
- 2010: University of Castilla-La Mancha.
Practice in *Distributed Systems* (30 hours, fifth four-month period of the *degree in computer science*).
- 2009: University of Castilla-La Mancha.
Practice in *Operating Systems II* (30 hours, second four-month period of the third course of the old *degree in computer science*).

SUPERVISION

- 2011: University of Castilla-La Mancha.
Co-director (together with María Emilia Cambroneró) of the undergraduate thesis project “VKAOS: Modelizador de Requisitos para el Análisis y Verificación de Servicios Web”, by Valentín Picazo.
- 2011: Universidad de Castilla-La Mancha.

Co-director (together with Maria Emilia Cambroner) of the undergraduate thesis project “Modelización de Requisitos para la Verificación de Coreografías de Servicios Web”, by Julio Dieguez.

PARTICIPATION IN CONFERENCES, WORKSHOPS AND SUMMER SCHOOLS

- 2011: University of Málaga.
Fifth International Workshop on Formal Languages and Analysis of Contract-Oriented Software.
- 2011: IARIA International Academy, Research, and Industrial Association.
The Sixth International Conference on Internet and Web Applications and Services.
- 2010: Korean Institute of Information Scientists and Engineers and Coverage Software Development Engineering Center (CoSDEC).
14th International Software Product Line Conference 2010.
- 2010: Fraunhofer-Institut für Experimentelles Software Engineering.
1st International Workshop on Formal Methods in Software Product Lines Engineering.
- 2010: IEEE Computer Society’s Technical Committee on Services Computing (TCSVC).
The 7th IEEE International Conference on Services Computing (SCC 2010).
- 2009: IEEE Computer Society Technical Committee on Electronic Commerce.
The 2009 IEEE International Conference on e-Business Engineering (ICEBE 2009).
- 2009: University of Castilla-La Mancha.
Third International Workshop on Formal Languages and Analysis of Contract-Oriented Software.
- 2009: Centro Residenziale Universitario Bertinoro.
8th International School on Formal Methods for the Design of Computer, Communication and Software Systems: Web Services “SFM-09:WS”.
- 2009: IARIA International Academy, Research, and Industrial Association.
The Fourth International Conference on Internet and Web Applications and Services.
- 2008: University of Sevilla.
IV Jornadas Científico-Técnicas en Servicios Web y SOA (JSWEB 2008).
- 2008: Wessex Institute of Technology.
FOREST FIRES 2008 First International Conference on Modelling, Monitoring and Management of Forest Fires.
- 2008: Wessex Institute of Technology.
COMPRAIL 2008 Eleventh International Conference on Computer System Design and Operation in the Railway and other Transit Systems.
- 2008: Technische Universität München.
29th International Summer School on “Engineering Methods and Tools for Software Safety and Security”.
- 2008: University of Castilla-La Mancha.
XVI Jornadas de Concurrencia y Sistemas Distribuidos.

- 2005: University of Castilla-La Mancha.
XV Escuela de Verano de Informática “Jornadas Técnicas de Minería de Datos”.

ORGANIZATION OF WORKSHOPS AND CONFERENCES

- 2009: University of Castilla-La Mancha.
Third International Workshop on Formal Languages and Analysis of Contract-Oriented Software.

RESEARCH VISITS

- 2009: 3 months in the el Department of Applied IT (department shared by Chalmers and University of Gothenburg, Sweden) under the supervision of Professor Gerardo Schneider.

OTHER ACTIVITIES

- 2011: Service against fires (Albacete Town hall).
Curso básico extinción y prevención de incendios (Teórico-Práctico).
- 2011: University of Castilla-La Mancha.
Curso de prevención de incendios y equipos de emergencia.
- 2008-2009: University of Extremadura.
Curso de Aptitud Pedagógica (C.A.P.).
- 2007: Official School of Languages (Albacete).
Certificado de Aptitud del Ciclo Superior del Primer Nivel en el Idioma Inglés.
- 2003: University of Castilla-La Mancha.
Curso Diseño de sitios web con Macromedia Dreamweaver MX.
- 2003: University of Castilla-La Mancha.
Curso Diseño de la interfaz web con Macromedia Flash MX.

LANGUAGES

- Spanish: First language.
- English: Fluent.
- French: Basic.