
Personal Particulars

Name: Oscar Pastor

Affiliation: Facultad de Informática. Dept. Sistemas Informáticos y Computación. Universidad Politécnica de Valencia.

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Education: Degree in Physics, Ph. D. in Computer Science

Current Position: Full Professor / Head of Research Center

Research Interests

Conceptual Modelling, Model Driven Development, Web Engineering, Requirements Engineering and Business Process Modelling, Bioinformatics.

Research Projects (Competitive Calls) – Last 5 years

a) European/international Projects

- COST MAUSE (Towards the MATuration of Information Technology USability Evaluation, <http://www.cost294.org/>). European Union COST Action. IP: Effie Lai-Chong Law, ETH, Zurich. 2004-2007
- WEE-NET: Web Engineering Network of Excellence, Web: <http://cosy.ted.unipi.gr/weenet/>. Alfa European Union Project. IP: Symeon Retalis (University of Pyreus, Greece). 2004-2007
- OSIRIS (<http://www.itea-osiris.org/>). ITEA2 EU Project. Project Lead: TELVENT Spain. 2006-2008
- Integración de Técnicas de Modelado de Negocios a un entorno de Generación Automática de Código (ref.PHB2007-0065-PC). Programa Cooperación Internacional con Brasil (AECI). IP: Óscar Pastor. 2008-2011.
- SALUS – Qualidade em sites na área da saúde (ref.P507RT0532). CYTED Project. Project lead: Brasil 2008-2011.
- Future Internet Testing, FP7- European Union Comission. 2010-2013
- CaaS – Capabilities as a Service, FP7, European Union Comission, 2014-2016.
- MUSIC 360: A 360 degrees perspective on the value of music. IP: Oscar Pastor, European Union Comission, 2023-2025, 287.261,25 €

b) National Projects (Plan I+D)

- TIN2007-62894. **Construcción de Servicios Software a partir de Modelos (SESAMO)**. September 2007-September 2010. Funded by MEC (285K €). IP: **Vicente Pelechano**.
- TIN2004-03534. **Desarrollo de E-Servicios para la Nueva Sociedad Digital (DESTINO)**. 2005-2007. Funded by MEC (218K €). IP: **Vicente Pelechano**.
- TIC2001-3530-C02-01. **Tecnología Software Avanzada para la Ingeniería del Software de la Sociedad de la Información. TAISSI . Subproject “INGENIERÍA DE AMBIENTES WEB”**. 2001-2004. Funded by MEC (110K €). IP: **Oscar Pastor**.
- FIT-340000-2007-110. **Producción Industrial de Software en ambientes MDA (PISA)**. 2007-2008. Funded by MITYC (996K € CARE Technologies + Integranova and 300K € UPV). IP: **Oscar Pastor**.
- FIT-340503-2006. **ATENEA, ARQUITECTURA MIDDLEWARE Y HERRAMIENTAS**. 2006-2008. Funded by MITYC (2006) 23.000€, (2007) 20.000 € and (2008) 20.000 €. IP: **Vicente Pelechano**.
- **PROS-REQ: Producción de Software Orientado a Servicios Basada en Requisitos Funcionales**, MCIN, 100100 Euros, IP: **Oscar Pastor**, 2012-2014
- **DISEÑO Y DESARROLLO DE UN SISTEMA DE INFORMACION PARA LA GESTION EFICIENTE DE LOS DATOS REFERENTES AL CANCER DE MAMA EN MUJERES JOVENES**. Funded by INSTITUTO DE SALUD CARLOS III, 15125 Euros, 2014-2016,
- **UN METODO DE PRODUCCION DE SOFTWARE DIRIGIDO POR MODELOS PARA EL DESARROLLO DE APLICACIONES BIG DATA**. Funded by MINISTERIO DE ECONOMIA, INDUSTRIA Y PRODUCTIVIDAD. 99.099,00 €, 30/12/2016 AL 29/12/2020
- **DESARROLLO ÁGIL DE SISTEMAS DESDE REQUISITOS A CÓDIGO** (PID2021-123824OB-I00); AGENCIA ESTATAL DE INVESTIGACION; IP Oscar Pastor 2022-2024, 149.556 €

c) National Projects (PETRI, FEDER, Research Networks, etc)

- TIN2005-25866-E. “Red Nacional de Desarrollo de software dirigido por modelos (DSDM)”. 06/07/06-06/01/08. Funded by MEC (40K€). IP: **Antonio Vallecillo**.
- TIC 2002-10628-E. SPARCIM (Spanish Research Consortium for Informatics and Mathematics. 2003-2004. Funded by MEC (78K€). IP: Esperanza Marcos, R. López de Mántaras, M. Alpuente, I. Ramos, E. Pimentel, M. Hermenegildo, J.J. Moreno, J. Larrosa, F. Orejas, R. San José.

d) Regional Projects

- **Combining Explainable Artificial Intelligence and Conceptual Modelling for Data Intensive Domains Management** (CIPROM/2021/023); IP Oscar Pastor; GENERALITAT VALENCIANA, 2022-2025, 598.430€

- **GISPRO-GENOMIC INFORMATION SYSTEMS PRODUCTION**, GENERALITAT VALENCIANA, PROMETEO/2018/176, 259.015,06€, IP: **Oscar Pastor**, 2018-2021
- **IDEO: Innovative services for Digital Enterprises with ORCA (Servicios Innovadores para Empresas Digitales con ORCA)**, GV, PROMETEOII/2014/039; 60080 Euros: IP: **Oscar Pastor**, 2014-2017.
- **Métodos de Desarrollo Orientados a la Calidad de las Tecnologías de la Información**, GV, 110.500 Euros, IP: **Oscar Pastor**, 2009-2011
- **DESARROLLO DE E-SERVICIOS PARA LA NUEVA SOCIEDAD DIGITAL**. 2006-2007. Funded by: CONSELLERÍA D'EMPRESA, UNIVERSITAT I CIÈNCIA. DIRECCIÓ GENERAL D'INVESTIGACIÓ I TRANSFERÈNCIA TECNOLÒGICA. AYUDAS COMPLEMENTARIAS PARA PROYECTOS DE I+D+i (15,5K€). IP: **Vicente Pelechano**.
- **AYUDA AL GRUPO DE PROGRAMACION LOGICA E INGENIERIA DEL SOFTWARE**. 2003-2005 . Funded by: AGENCIA VALENCIANA DE CIENCIA Y TECNOLOGIA - Otras acciones de I+D competitivas (100K €). IP: **Isidro Ramos**.

Technology Transfer Projects

- **DESARROLLO DE HERRAMIENTAS CASE EN EL ENTORNO DE DESARROLLO ECLIPSE**. 16/06/2007 - 15/09/2007. Funded by: INTEGRANOVA, S.A. (4.000 €). IP: **Vicente Pelechano**.
- **Ingeniería del Software para el Desarrollo de Sistemas Pervasivos. Explorando nuevas Vías en la Interacción Hombre-Máquina**. 15/04/2005-15/04/2008. Funded by: CARE Technologies, S.A. (93.000 €). IP: **Vicente Pelechano**.
- **Asesoría en el Desarrollo de una Herramienta CASE Open Source de soporte a la metodología gvMétrica**. September 2006-December 2007. Funded by: Conselleria d'Infraestructures y Transports (36.000€). IP: **Vicente Pelechano** and **Oscar Pastor**.
- **ISASI (Ingeniería de Software Avanzada para los Sistemas de Información)**. 01/01/2004-31/12/2007. Funded by: CARE Technologies, S.A and Consoft S.A. (289.000 €). IP: **Oscar Pastor**.
- **PERITAJE WEB DEL VALENCIA C.F.** 10//10/2003-02/07/2004. Funded by: Corporación M2 (2.818 €). IP: **Vicente Pelechano**.
- **Domótica**. 01/01/03-31/12/03. Funded by: Telefónica I+D (10.000 €). IP: **Oscar Pastor**.
- **PASMO: Producción Automática de Software a partir de Modelos Organizacionales**. 01/10/03-31/04/05. Funded by: Consoft, S.A (126.000 €). IP: **Oscar Pastor**.
- **Automatización de procesos orientado a servicios a partir de modelos organizacionales**. 1/3/06-1/2/08. Funded by: CARE Technologies, S.A (126.000 €). IP: **Juan Sánchez**.
- **ADVANCED OO-METHOD**. 31/12/02-31/12/03. Funded by: Consoft, S.A (103.822 €). IP: **Oscar Pastor**.
- **Experimentación en Casos Reales de OO-Method como Método de Producción de Software**. 01/06/02-28/11/03. Funded by: Consoft, S.A (20.160 €). IP: **Oscar Pastor**.

Publications – Journals, Books and Book Chapters (Last 10 years)

a) Journal papers (indexed in the JCR)

1. O. Pastor, J.Gómez, E.Insfran, V.Pelechano. The OO Method Approach for Information Systems Modeling: From Object Oriented conceptual Modeling to Automatic Programming. Information Systems Journal, Elsevier Science, October 2001, Vol 26/7. [IF2001: 3.018, 1/73]
2. V.Pelechano, O.Pastor, E.Insfran, Automated Code Generation of Dynamic Specializations: An Approach Based on Design Patterns and Formal Techniques. Data & Knowledge Engineering Journal, North-Holland / Elsevier Science. 2002. Vol.40, Núm.3. [IF2002: 1.039, 25/77]
3. E.Insfran, V.Pelechano, O.Pastor Conceptual Modeling in the Extreme Information and Software Technology, Elsevier Science, Volume 44, Issue 11, 15 August 2002, Pages 659-669. [IF2002: 0.375, 51/77]
4. I.Díaz, A.Matteo, O.Pastor. A Specification Pattern for Use Cases. Information & Management, Elsevier Science Vol 41/8 pp 961-975, June 2004.
5. N.Condori-Fernández, S.Abraháo, O.Pastor. On the Estimation of Software Functional Size from Requirements Specifications. Journal of Computer Science and Technology (JCST), Special Issue on Advances in Software Metrics and Software Processes, ISSN: 1000-9000 (print version), ISSN: 1860-4749 (electronic version), Springer Verlag, 2007
6. Panach, I.; España, S.; Pederiva, P.; Pastor, O. Capturing Interaction Requirements in a Model Transformation Technology Based on MDA. Journal of Universal Computer Science – JUCS. Vol. 14(9):1480-1495 (2008).
7. Beatriz Marín, Oscar Pastor, Alain Abran: Towards an accurate functional size measurement procedure for conceptual models in an MDA environment. Data Knowl. Eng. 69(5): 472-490 (2010)
8. Esteban Robles Luna, José Ignacio Panach, Jose I. Grigera, Gustavo Rossi, Oscar Pastor: Incorporating Usability Requirements In a Test/Model-Driven Web Engineering Approach. J. Web Eng. 9(2): 132-156 (2010)
9. Juan Jose Cuadrado-Gallego, Borja Martín-Herrera, Oscar Pastor, Beatriz Marín: Applying Visual Learning in the Teaching of Software Measurement Concepts. International Journal of Software Engineering and Knowledge Engineering 21(3): 431-446 (2011)
10. Rafael Capilla, Muhammad Ali Babar, Oscar Pastor: Quality requirements engineering for systems and software architecting: methods, approaches, and tools. Requir. Eng. 17(4): 255-258 (2012)
11. Beatriz Marín, Giovanni Giachetti, Oscar Pastor, Tanja E. J. Vos, Alain Abran: Using a functional size measurement procedure to evaluate the quality of models in MDD environments. ACM Trans. Softw. Eng. Methodol. 22(3): 26 (2013)
12. Maya Daneva, Daniela Damian, Alessandro Marchetto, Oscar Pastor: Empirical research methodologies and studies in Requirements Engineering: How far did we come? Journal of Systems and Software 95: 1-9 (2014)

13. José Ignacio Panach, Natalia Juristo Juzgado, Francisco Valverde, Oscar Pastor: A framework to identify primitives that represent usability within Model-Driven Development methods. *Information & Software Technology* 58: 338-354 (2015)
14. José Ignacio Panach, Sergio España, Óscar Dieste Tubío, Oscar Pastor, Natalia Juristo Juzgado: In search of evidence for model-driven development claims: An experiment on quality, effort, productivity and satisfaction. *Information & Software Technology* 62: 164-186 (2015)
15. Marcela Ruiz, Dolores Costal, Sergio España, Xavier Franch, Oscar Pastor: GoBIS: An integrated framework to analyse the goal and business process perspectives in information systems. *Inf. Syst.* 53: 330-345 (2015)
16. Giovanni Giachetti, Beatriz Marín, Lidia López, Xavier Franch, Oscar Pastor: Verifying goal-oriented specifications used in model-driven development processes. *Inf. Syst.* 64: 41-62 (2017)
17. Fáber D. Giraldo, Sergio España, Oscar Pastor, William J. Giraldo: Considerations about quality in model-driven engineering - Current state and challenges. *Software Quality Journal* 26(2): 685-750 (2018)
18. Patricia Martín-Rodilla, José Ignacio Panach, Cesar Gonzalez-Perez, Oscar Pastor: Assessing data analysis performance in research contexts: An experiment on accuracy, efficiency, productivity and researchers' satisfaction. *Data Knowl. Eng.* 116: 177-204 (2018)
19. Michaël Verdonck, Frederik Gailly, Robert Pergl, Giancarlo Guizzardi, Beatriz Franco Martins, Oscar Pastor: Comparing traditional conceptual modeling with ontology-driven conceptual modeling: An empirical study. *Inf. Syst.* 81: 92-103 (2019)
20. Ana C. Marcén, Raúl Lapeña, Oscar Pastor, Carlos Cetina: Traceability Link Recovery between Requirements and Models using an Evolutionary Algorithm Guided by a Learning to Rank Algorithm: Train control and management case. *J. Syst. Softw.* 163: 110519 (2020)
21. Daniel Blasco, Carlos Cetina, Oscar Pastor: A fine-grained requirement traceability evolutionary algorithm: Kromaia, a commercial video game case study. *Inf. Softw. Technol.* 119 (2020)
22. Carlos Iñiguez-Jarrín, José Ignacio Panach, Oscar Pastor: Improvement of usability in user interfaces for massive data analysis: an empirical study. *Multim. Tools Appl.* 79(17-18): 12257-12288(2020)
23. Ignacio Panach, Oscar Dieste, Beatriz Marín, Sergio España, Sira Vegas, Oscar Pastor, Natalia Juristo: Evaluating Model-Driven Development Claims with Respect to Quality: A Family of Experiments. *IEEE Trans. Software Eng.* 47(1): 130-145 (2021)
24. Oscar Pastor, Ana Palacio León, José Fabián Reyes Román, Alberto García Simón, Juan Carlos Casamayor Ródenas: Using conceptual modeling to improve genome data management. *Briefings Bioinform.* 22(1): 45-54 (2021)
25. Oscar Pastor, Alfonso Pierantonio, Gustavo Rossi: Teaching Modeling in the Time of Agile Development. *Computer* 55(6): 73-76 (2022)
26. Ignacio Panach, Oscar Pastor, Natalia Juristo: A Family of Experiments to Compare Two Model-Driven Development Tools vs a Traditional Development Method. *IEEE Trans. Software Eng.* 48(12): 4802-4817 (2022)

b) Journal papers (not indexed in the JCR)

1. José Fabián Reyes Román, Oscar Pastor, David Roldan Martinez, Francisco Valverde: How to deal with Haplotype data: An Extension to the Conceptual Schema of the Human Genome. *CLEI Electron. J.* 19(3): 2 (2016)
2. Otto Parra, Sergio España, Oscar Pastor: GestUI: A Model-driven Method and Tool for Including Gesture-based Interaction in User Interfaces. *CSIMQ* 6: 73-92 (2016)
3. Solvita Berzisa, George Bravos, Tania Cardona González, Ulrich Czubyko, Sergio España, Janis Grabis, Martin Henkel, Lauma Jokste, Janis Kampars, Hasan Koç, Jan-Christian Kuhr, Carlos Llorca, Pericles Loucopoulos, Raúl Juanes Pascual, Oscar Pastor, Kurt Sandkuhl, Hrvoje Simic, Janis Stirna, Francisco Giromé Valverde, Jelena Zdravkovic: Capability Driven Development: An Approach to Designing Digital Enterprises. *Business & Information Systems Engineering* 57(1): 15-25 (2015)
4. Matthijs van der Kroon, Ignacio Lereu Ramirez, Ana M. Levin, Oscar Pastor, Sjaak Brinkkemper: Mutational Data Loading Routines for Human Genome Databases: the BRCA1 Case. *JCSE* 4(4): 291-312 (2010)
5. Pröll Birgit, Schauerhuber Andrea, Wimmer Manuel, Retschitzegger Werner, Fraternali Piero, Houben Geert-Jan, De Troyer Olga, Caselyn Sven, Rossi Gustavo, Schwabe Daniel, Koch Nora, Gómez Jaime, Cristina Cachero, Pastor Oscar, Pelechano Vicente, Vallecillo Antonio, Ginige Athula, Paolino Paolo, Garzotto Franca. *A Survey on Web Modeling Approaches for Ubiquitous Web Applications*. *INTERNATIONAL JOURNAL OF WEB INFORMATION SYSTEMS (IJWIS)*, Emerald, USA, Issue 1, 2008.
6. P. Valderas, V. Pelechano, O. Pastor. A Transformational Approach to Produce Web Application Prototypes from a Web Requirements Model. *International Journal of Web Engineering and Technology (IJWET)*. 2007. Vol. 3, No. 1, pp 4-42.
7. L.Olsina, G.Lafuente, O.Pastor. Towards a Reusable Repository for Web Metrics. *Journal of Web Engineering*, Vol. 1, No.1 (2002) Rinton Press.
8. S.Abrahao; O.Pastor. Measuring the Functional Size of Web Applications. *International Journal of Web Engineering and Technology (IJWET)*, Vol.1, Issue 1, 2003, pp.5-17. Inderscience Publishers.
9. P.J. Molina, S. Melia, O.Pastor. The Just-UI Approach: Conceptual Modeling of Device Independent User Interfaces. *Journal of Human-Machine Interaction* (Revue d'Interaction Homme-Machine, RIHM), Vol 5, n°1 (2004).
10. Silvia Abrahao, Geert Poels, Oscar Pastor. A Functional Size Measurement Method for Object-Oriented Conceptual Schemas: Design and Evaluation Issues. *Journal of Software and Systems Modeling –SoSym–*, Vol.5, No.1, April 2006, Springer Verlag

11. V. Pelechano, O. Pastor, J. Sanchez. Especialización dinámica y Generación Automática de Código. Un Enfoque basado en patrones. NOVATICA nº 147 Sitios WEB Corporativos (Mejor artículo de las JISBD'99). Pp 44-49. 2000.
12. O.Pastor, V. Pelechano, E. Insfrán, J. Gómez. Generación automática de prototipos en entornos Internet/Intranet a partir de modelos conceptuales OO. Journal "Computación y Sistemas" Vol. 3 No.1 July-September 1999. Pp 38-49.

c) Authored Books

1. Janis A. Bubenko Jr., John Krogstie, Oscar Pastor, Barbara Pernici, Colette Rolland, Arne Sølvberg (Eds.): Seminal Contributions to Information Systems Engineering, 25 Years of CAiSE. Springer 2013, ISBN 978-3-642-36925-4
2. Pastor,O.;Molina J.C.. Model-Driven Architecture in Practice: A Software Production Environment Based on Conceptual Modeling, 2007
3. Rossi, G.; Pastor, O.; Schwabe, D.; Olsina, L. (Eds.) Web Engineering: Modelling and Implementing Web Applications. Series: Human-Computer Interaction Series , Vol. 12. 2007, Approx. 460 p., 169 illus., Hardcover. Springer-Verlag.
4. Pastor,O; Ramos,I. OASIS v2: Un Lenguaje de Especificación Orientado a Objetos.1997, Servicio de Publicaciones de la UPV, SPUPV 97-234

d) Book Chapters (International Books, excluding Conference Proceedings):

1. Oscar Pastor López, Ana León Palacio, José Fabián Reyes Román, Juan Carlos Casamayor: Modeling Life: A Conceptual Schema-centric Approach to Understand the Genome. Conceptual Modeling Perspectives 2017: 25-40
2. Oscar Pastor, Vicente Pelechano: The Conceptual Model Is The Code. Why Not? Seminal Contributions to Information Systems Engineering 2013: 153-159
3. Oscar Pastor, Juan Carlos Casamayor, Matilde Celma, Laura Mota, M. Ángeles Pastor, Ana M. Levin: Conceptual Modeling of Human Genome: Integration Challenges. Conceptual Modelling and Its Theoretical Foundations 2012: 231-250
4. David W. Embley, Stephen W. Liddle, and Óscar Pastor. Conceptual-Model Programming: A Manifesto. Chapter 1, in D. Embley, B. Thalheim (eds.), « Handbook of Conceptual Modelling: Theory, Practice, and Research Challenges », Embley,David; Thalheim, Bernhard (Eds.), Springer-Verlag, Berlin, February 2011. XX, 587 p
5. O.Pastor, J.C.Molina, E.Iborra. OO-Method: A Conceptual Schema-Centric Development Approach. System Analysis and Design: Techniques, Methodologies, Approaches, and Architectures. Edited by Roger H.L.Chiang, Keng Siau, Bill C. Hardgrave; Volume 15, Advances in Management Information Systems (Armonk, NY: M.E. Sharpe, 2009), 201-222; Pages: 240.
6. O. Pastor, J. Fons, S. Abrahao, V. Pelechano. Conceptual Modelling of Web Applications: the OOWS approach. Web Engineering: Theory and Practice of Metrics and Measurement for Web Development. Eds. Emilia Mendes and Nile Mosley, Springer 2006, pp. 277-302
7. J. Muñoz, V. Pelechano. A Software Factory for Pervasive Systems Development. PERVASIVE INFORMATION SYSTEMS. Chapter 4. December 2007. Edited by Panos E. Kourouthanassis and George M. Giagli. Editorial: M.E. Sharpe
8. I. Díaz, O. Pastor, L.Moreno, A.Matteo. Using Linguistic Patterns to Model Interaction. Object-Oriented Design Knowledge: Principles, Heuristics, Best Practices. J.Garzás, M.Piattini eds. Idea Group Publishing, 2006.
9. J. Fons, V. Pelechano, O. Pastor, P. Valderas, V. Torres. Applying the OOWS Model-Driven Approach for Developing Web Applications. The Internet Movie Database Case Study. Web Engineering and Web Applications Design Methods. Springer, HCI. Luis Olsina, Oscar Pastor, Gustavo Rossi and Daniel Schwabe (Eds.). pp 65-108. 2007.
10. Sánchez,J.;Pastor,O.;Estrada,H.;Martínez,A.;Berenguer,J.. Semi-Automatic Generation of User Interface Prototypes From Early Requirements Models. Perspectives in Software Requirements, Chapter 9, págs. 201-222; Kluwer Academics Publisher, The Netherlands. 2004.
11. V. Pelechano, M. Albert, E. Campos, O. Pastor. A Code Generation Process for Role Classes: An approach based on Formal Techniques and Design Patterns. Technology of Object Oriented Languages, Systems and Architectures edited by Theo D'Hondt. KLUWER ACADEMIC PUBLISHERS – The Kluwer International Series in Engineering and Computer Science. pp 137-153. 2003.
12. O. Pastor. Generating User Interfaces from Conceptual Models: A Model-transformation based Approach. Chapter 1, in G. Calvary, C. Pribeanu, G. Santucci, J. Vanderdonckt (eds.), "Computer-Aided Design of User Interfaces V", Information Systems Series, Springer-Verlag, Berlin, 2006, pp. 1-14.

f) Book editor (Conference Proceedings): 33 Conference Proceedings edited

g) (Highly-ranked) Conference Papers

1. Anna Bernasconi, Alberto García S., Stefano Ceri, Oscar Pastor:A Comprehensive Approach for the Conceptual Modeling of Genomic Data. ER 2022: 194-208
2. Nicolas Belloir, Wassila Ouerdane, Oscar Pastor: Characterizing Fake News: A Conceptual Modeling-based Approach; ER 2022: 115-129

3. África Domingo, Jorge Echeverría, Oscar Pastor, Carlo sCetina: Evaluating the Benefits of Model-Driven Development - Empirical Evaluation Paper. CAiSE 2020: 353-367
4. Kristina Rosenthal, Stefan Strecker, Oscar Pastor: Modeling Difficulties in Data Modeling - Similarities and Differences Between Experienced and Non-experienced Modelers. ER 2020: 501-511
5. Lois Delcambre, Stephen W. Liddle, Oscar Pastor, Veda C. Storey: Characterizing Conceptual Modeling Research. OTM Conferences 2019: 40-57
6. Lois Delcambre, Stephen W. Liddle, Oscar Pastor, Veda C. Storey: A Reference Framework for Conceptual Modeling. ER 2018: 27-42
7. Raúl Lapeña, Francisca Pérez, Carlos Cetina, Oscar Pastor: Improving Traceability Links Recovery in Process Models Through an Ontological Expansion of Requirements. CAiSE 2019: 261-275
8. Carlos Iñiguez-Jarrín, José Ignacio Panach, Oscar Pastor: Defining Interaction Design Patterns to Extract Knowledge from Big Data. CAiSE 2018: 490-504
9. Jorge Echeverria, Francisca Pérez, José Ignacio Panach, Carlos Cetina, Oscar Pastor: The Influence of Requirements in Software Model Development in an Industrial Environment. ESEM 2017: 277-286
10. Jorge Echeverria, Francisca Pérez, Carlos Cetina, Oscar Pastor: Comprehensibility of Variability in Model Fragments for Product Configuration. CAiSE 2016: 476-490
11. Maria Fernanda Granda, Nelly Condori-Fernández, Tanja E. J. Vos, Oscar Pastor: Mutation Operators for UML Class Diagrams. CAiSE 2016: 325-341
12. Oscar Pastor: Conceptual Modeling of Life: Beyond the Homo Sapiens. ER 2016: 18-31
13. José Fabián Reyes Román, Oscar Pastor, Juan Carlos Casamayor, Francisco Valverde: Applying Conceptual Modeling to Better Understand the Human Genome. ER 2016: 404-412
14. Maria Fernanda Granda, Nelly Condori-Fernández, Tanja E. J. Vos, Oscar Pastor: What do we know about the defect types detected in conceptual models? RCIS 2015: 88-99
15. Marcela Ruiz, Dolors Costal, Sergio España, Xavier Franch, Oscar Pastor: Integrating the Goal and Business Process Perspectives in Information System Analysis. CAiSE 2014: 332-346
16. Ana M Martínez Ferrandis, Oscar Pastor, Giancarlo Guizzardi: Applying the Principles of an Ontology-Based Approach to a Conceptual Schema of Human Genome. ER 2013: 471-478
17. Robson do Nascimento Fidalgo, Elvis Maranhão De Souza, Sergio España, Jaelson Brelaz de Castro, Oscar Pastor: EERMM: A Metamodel for the Enhanced Entity-Relationship Model. ER 2012: 515-524
18. Roel Wieringa, Nelly Condori-Fernández, Maya Daneva, Bela Mutschler, Oscar Pastor: Lessons learned from evaluating a checklist for reporting experimental and observational research. ESEM 2012: 157-160
19. Hugo Estrada, Alicia Martínez, Oscar Pastor, John Mylopoulos, Paolo Giorgini: Extending Organizational Modeling with Business Services Concepts: An Overview of the Proposed Architecture. ER 2010: 483-488
20. G.Giachetti, B.Marin, O. Pastor, Using UML as a Domain-Specific Modeling Language: A Proposal for Automatic Generation of UML Profiles. CAiSE 2009: 110-124, SPRINGER.
21. O.Pastor. Conceptual Modeling Meets the Human Genome. Conceptual Modeling - ER 2008, Q.Li et als (ed.); SPRINGER LNCS Volume 5231/2008, pp 1-11.
22. I.Panach,S.España,N.Moreno,O.Pastor.. Dealing with Usability in Model Transformation Technologies. Conceptual Modeling - ER 2008, Q.Li et als (ed.); SPRINGER LNCS Volume 5231/2008, pp 498-511,
23. J.L. de la Vara,J.;Sanchez,O.Pastor. Business Process Modelling and Purpose Analysis for Requirements Analysis of Information Systems. Advanced Information Systems Engineering. Z. Bellahsene and M. Léonard (Eds.): CAiSE 2008, SPRINGER LNCS 5074, pp. 213–227, 2008.
24. P. Valderas, V. Pelechano, O. Pastor. Introducing Graphic Designers in a Web Development Process. 19th Conference on Advanced Information Systems Engineering (CAiSE 2007). Trondheim, Norway. June 2007. SPRINGER LNCS 4495. pp 395-408. 2007.
25. S.España;J.I.Panach;I.Pederiva;O.Pastor. Towards a Holistic Conceptual Modelling-Based Software Development Process. D.Embley, A.Olivé (Eds.) Conceptual Modeling – ER 2006. Lecture Notes in Computer Science (Volume 4215/2006), pp: 437-450, Springer-Verlag, 2006
26. O.Pastor. From Extreme Programming to Extreme Non-Programming: Is It the Right Time for Model Transformation Technology? S.Bressan, J.Küng, R.Wagner (Eds.) Database and Expert Systems Applications. Lecture Notes in Computer Science (4080), pp: 64-73, Springer-Verlag, 2006
27. I.Díaz,I.;L.Moreno;O.Pastor,O.;A.Matteo,A. Interaction Transformation Patterns based on Semantic Roles. A.Montoyo ed.; Computational Linguistics and Intelligent Text Processing: 10th International Conference on Application of Natural Language to Information Systems, NLDB 2005, Alicante, Spain, June 15-17, 2005. LNCS 3513, Springer-Verlag
28. P. Valderas, V. Pelechano, O. Pastor. Towards an End-User Development Approach for Web Engineering Methods. 18th Conference on Advanced Information Systems Engineering (CAiSE 2006). Grand-Duchy of Luxembourg, June 2006. SPRINGER, LNCS 4001, pp 528-543.
29. J. Muñoz, P. Valderas, V. Pelechano, O. Pastor. Requirements Engineering for Pervasive Systems. A Transformational Approach. 14th IEEE International Requirements Engineering Conference (RE 2006), Minneapolis (USA) 11-15 September 2006.
30. V. Torres, V. Pelechano, O. Pastor. Building Semantic Web Services Based on a Model Driven Web Engineering Method. Conceptual Modeling of Service-Oriented Software Systems (CoSS), Tucson, (USA) in conjunction with the 25th International Conference on Conceptual Modelling, ER 2006. 6-9 November 2006.

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2. Jaime Gómez Ortega. "GENERACION AUTOMATICA DE COMPONENTES SOFTWARE A PARTIR DE MODELOS CONCEPTUALES ORIENTADOS A OBJETOS". Universidad de Alicante, 07/02/2000.
3. Vicente Pelechano Ferragud. "TRATAMIENTO DE RELACIONES TAXONOMICAS EN ENTORNOS DE PRODUCCION AUTOMATICA DE SOFTWARE: UNA APROXIMACION BASADA EN PATRONES". VICENTE PELECHANO FERRAGUD, Universidad Politécnica de Valencia, Facultad de Informática, 17/12/2001.
4. Cristina Cachero. "OOH: UNA EXTENSION A LOS METODOS ORIENTADOS A OBJETOS PARA EL MODELADO Y GENERACION AUTOMATICA DE APLICACIONES HIPERMEDIALES", Universidad de Alicante, 17/01/2003.
5. Juan Sánchez Díaz. "VALIDACION DE REQUISITOS DE USUARIO MEDIANTE TECNICAS DE TRANSFORMACION DE MODELOS Y PROTOTIPACION AUTOMATICA DE INTERFACES DE USUARIO. Universidad Politécnica de Valencia, Facultad de Informática, 21/02/2003.
6. Pedro J- Molina. "ESPECIFICACION DE INTERFAZ DE USUARIO: DE LOS REQUISITOS A LA GENERACION AUTOMATICA". Universidad Politécnica de Valencia, Facultad de Informática 14/03/2003.
7. Emilio Insfran Pelozo. "A REQUIREMENTS ENGINEERING APPROACH FOR OBJECT ORIENTED CONCEPTUAL MODELING." Universidad Politécnica de Valencia, Facultad de Informática, 22/10/2003.
8. Silvia Mara Abrahao. "ON THE FUNCTIONAL SIZE MEASUREMENT OF OBJECT-ORIENTED CONCEPTUAL SCHEMAS: DESIGN AND EVALUATION ISSUES". Universidad Politécnica de Valencia, Facultad de Informática, 01/10/2004.
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10. Nelly Condori Fernández. "UN PROCEDIMIENTO DE MEDICION DE TAMAÑO FUNCIONAL PARA ESPECIFICACIONES DE REQUISITOS". Universidad Politécnica de Valencia, Facultad de Informática, 17/05/2007.

11. Joan Josep Fons i Cors. "OOWS:UN METODE DIRIGIT PER MODELS PER AL DESENVOLUPAMENT D'APLICACIONS WEB".Universidad Politécnica de Valencia, Facultad de Informática. 05/03/2008 (Public Defense Date)
12. Gonzalo Rojas Durán. "MODELLING ADAPTIVE WEB APPLICATIONS IN OOWS" Universidad Politécnica de Valencia, Facultad de Informática. 06/03/2008 (Public Defense Date)
13. Alicia Martínez Rebollar. "CONCEPTUAL SCHEMAS GENERATION FROM ORGANIZATIONAL MODELS IN AN AUTOMATIC SOFTWARE PRODUCTION PROCESS", Universidad Politécnica de Valencia, Facultad de Informática. 04/09/2008 (Public Defense Date).
14. Hugo Estrada Esquivel. "A SERVICE-ORIENTED APPROACH FOR THE I* FRAMEWORK" , Universidad Politécnica de Valencia, Facultad de Informática. 04/09/2008 (Public Defense Date).
15. Panach Navarrete, José Ignacio. "INCORPORACION DE MECANISMOS DE USABILIDAD EN UN ENTORNO DE PRODUCCION DE SOFTWARE DIRIGIDO POR MODELOS", Universidad Politécnica de Valencia, Departamento de Sistemas Informáticos y Computación, 24/05/2010 (PublicDefense Date)
16. Valverde Giromé, Francisco. "OOWS 2.0: UN METODO DE INGENIERIA WEB DIRIGIDO POR MODELOS PARA LA PRODUCCION DE APLICACIONES WEB 2.0". UPV, 26/10/2010
17. Giachetti, Giovanni SUPPORTING AUTOMATIC INTEROPERABILITY IN MODEL-DRIVEN DEVELOPMENT PROCESSES, UPV, 13/06/2011
18. Marín Campuzano, Beatriz. FUNCTIONAL SIZE MEASUREMENT AND MODEL VERIFICATION FOR SOFTWARE MODEL-DRIVEN DEVELOPMENTS: A COSMIC-BASED APPROACH, UPV,. 13/07/2011
19. España Cubillos, Sergio METHODOLOGICAL INTEGRATION OF COMMUNICATION ANALYSIS INTO A MODEL-DRIVEN SOFTWARE DEVELOPMENT FRAMEWORK, UPV, 01/12/2011
20. María José Villanueva del Pozo, AN AGILE MODEL-DRIVEN METHOD FOR INVOLVING END-USERS IN DSL DEVELOPMENT, UPV, 08/01/2016
21. Ruiz Carmona, Luz Marcela, TraceME: TRACEABILITY-BASED METHOD FOR CONCEPTUAL MODEL EVOLUTION. UPV. 18/04/2016
22. Martin Rodilla, Patricia. SOFTWARE-ASSISTED KNOWLEDGE GENERATION IN THE CULTURAL HERITAGE DOMAIN: A CONCEPTUAL FRAMEWORK. UPV, 29/07/2016
23. Burriel Coll, Verónica. DISEÑO y DESARROLLO DE UN SISTEMA DE INFORMACIÓN PARA LA GESTION DE INFORMACION SOBRE CANCER DE MAMA, UPV, 06/06/2017.
24. Parra González,Luis Otto. gestUI: A MODEL-DRIVEN METHODFOR INCLUDING GESTURE-BASED INTERACTION IN USER INTERFACES. UPV, 07/09/2017.
25. Granda Juca, Maria Fernanda. TESTING-BASED CONCEPTUAL SCHEMA VALIDATION IN A MODEL-DRIVEN ENVIRONMENT. UPV, 08/09/2017
26. Giraldo, Fáber. A FRAMEWORK FOR EVALUATING THE QUALITY OF MODELLING LANGUAGES IN MDE ENVIRONMENTS, UPV, 28/09/2017
27. Reyes Román, José F.; DISEÑO Y DESARROLLO DE UN SISTEMA DE INFORMACION GENOMICA BASADO EN UN ESQUEMA CONCEPTUAL HOLISTICO DEL GENOMA HUMANO. UPV, 12/02/2018.
28. Echeverria, Jorge; ANALYSIS AND IMPROVEMENT OF A SOFTWARE PRODUCTION PROCESS BASED ON THE COMBINATION OF MODEL-DRIVEN DEVELOPMENT AND SOFTWARE PRODUCT LINES; UPV. 29/06/2018
29. León Palacio, Ana. SILE: A METHOD FOR THE EFFICIENT MANAGEMENT OF SMART GENOMIC INFORMATION. UPV 18/10/2019
30. Iñiguez Jarrin, Carlos; GenomIUm: UN METODO BASADO EN PATRONES PARA EL DISEÑO DE INTERFACES DE USUARIO DE ACCESO A DATOS GENOMICOS, UPV, 20/12/2019
31. Lapeña Martí, Raúl. TRACEABILITY LINKS RECOVERY AMONG REQUIREMENTS AND BPMN MODELS. UPV, 30/07/2020
32. Marcén Terraza, Ana Cristina. DESIGN OF A MACHINE LEARNING-BASED APPROACH FOR FRAGMENT RETRIEVAL OF MODELS, UPV, 30/11/2020.
33. González Toñanez, Magali: A NAVIGATIONAL ROLE-CENTRIC NAVIGATIONAL ROLE-CENTRIC MODEL ORIENTED WEB APPROACH MoWebA. UPV, 14/2/2022.
34. Domingo Montes, Africa: EXPERIMENTATION TO EVALUATE THE BENEFITS OF MODEL-DRIVEN DEVELOPMENT. UPV, 12/7/2022.
35. García Simón, Alberto: UNDERSTANDING THE CODE OF LIFE: HOLISTIC CONCEPTUAL MODELING OF THE GENOME. UPV, 22/12/2022
36. Ormeño Ayala, Yeshica I.: MARCO PARA LA CAPTURA DE REQUISITOS DE USABILIDAD:EN ENTORNOS DE MDD. UPV, 22/12/2023.
37. Zhomartkyzy, Nalgozhina Nurgul: MODELS AND METHODS OF HYBRIF MANAGEMENT OF BUSINESS PROCESSES BASED ON RPA TECHNOLOGIES. International Information Technology University, Almaty, Kazajistán, 06/03/2024
38. Noel López, René: DESIGN AND IMPLEMENTATION OF A MODEL-DRIVEN SOFTWARE PRODUCTION METHOD: FROM STRATEGY TO CODE. UPV, 12/03/2024
39. Blasco Latorre, Daniel: TOWARDS SEARCH-BASED GAME SOFTWARE ENGINEERING. UPV, 15/03/2024
40. Martins, Beatriz Franco, A FRAMEWORK FOR CONCEPTUAL CHARATERIZATION OF ONTOLOGIES AND ITS APPLICATION IN THE CYBSERSECURITY DOMAIN, UPV, 12/04/2024

MASTER THESIS

41. Jose Ignacio Panach Navarrete. "Medición Temprana de la Usabilidad en Ambientes OO-Method" Universidad Politécnica de Valencia, Facultad de Informática. Septiembre 2007.
42. Francisco Valverde Giromé. "Diseño e Implementación de un Entorno MDA para la Producción de Aplicaciones Web" Universidad Politécnica de Valencia, Facultad de Informática. Septiembre 2007.
43. Sergio España Cubillos. A Generic Model of Information Systems. Facultad de Informática. Enero 2008.
44. Beatriz Marín Campusano. "Un Procedimiento de Medición de Tamaña Funcional para Modelos Conceptuales en Entornos MDA". Facultad de Informática. Julio 2008
45. Giovanni Giachetti Herrera. "Integración de UML y Lenguajes de Modelado Específicos de Dominio Mediante la Generación Automática de Perfiles UML." Facultad de Informática. Julio 2008.
46. Nathalie Aquino Salvioni. "Plantillas de Transformación: Añadiendo Flexibilidad a las Transformaciones de Modelos de Interfaces de Usuario". Facultad de Informática. Diciembre 2008.
47. 51 more Master Thesis from 2009 till now.... (up to a total of 57)

Organization of International Conferences and Events

1. **Conference Co-Chair** of the 35th Int. Conf. on Advanced Information Systems Engineering (CAiSE'23), Zaragoza, June 2023
2. **Conference Co-Chair** of the 11th Engineering Interactive Computing Systems (EICS) Conference, Valencia, 18-21 June 2019.
3. **Conference Chair** of the The 36th International Conference on Conceptual Modeling (ER 2017), Valencia, Nov. 6th-9th, 2017,
4. **Conference Chair** of The Practice of Enterprise Modelling 8th IFIP WG 8.1 Working Conference PoEM 2015 Valencia, Spain, November 10-12, 2015
5. **Conference Chair** of the 25th Int. Conference on Advanced Information Systems Engineering (CAiSE'13), Valencia, June 2013
6. **Conference Chair** of the VI Int. Conference on Research Challenges in Computer Science (RCIS 2012), Valencia, 16-18 May, 2012
7. **Tutorial Chair** of the 9th International Conference on Web Engineering (ICWE 2009). San Sebastian. June 2009.
8. **Tutorial Chair** of the 27th International Conference on Conceptual Modeling (RE 2008). Barcelona, October 2008.
9. **Workshop Chair** : 22th Int. Conference on Conceptual Modeling, ER 2003 , 13-16 October 2003, Chicago, Illinois, USA 17th
10. **Publicity Chair**, 13th IEEE International Requirements Engineering Conference (RE'05).
11. **Conference Chair**, II Int. Conference on Research Challenges in Computer Science, RCIS 2008, Marrakesh, Morocco, 2-6 June 2008
12. **Organizing Chair** of the International Workshop on Web Oriented Software Technologies. IWWOST 2001..2009
13. **Organizing Chair** of the V Workshop de Engenharia de Requisitos - WER-02

Program Committee Membership

a) Program Chair:

- **ECIS 2018**, European Conference of Information Systems/ Portsmouth, UK, June 2018.
- **CBI 2017** 19th IEEE International Conference on Business Informatics, Thessaloniki, Greece, July 2017.
- **RCIS 2017** 11th IEEE International Conference on Research Challenges in Information Science, Brighton, UK, May 2017.
- **CIBSE 2017** Conferencia Iberoamerica de "Software Engineering"- Co-located with 39th ACM/IEEE International Conference on Software Engineering, Buenos Aires, Argentina, May 2017
- **REFSQ 2016**: 22nd Working Conference on Requirements Engineering: Foundations of Software Quality, Gothenborg, Sweden, 2017
- **BPM 2016**: 14th International Conference on Business Process Management, Rio de Janeiro, Brazil, September 2016
- **ICWE 2015**: 15th Int. IEEE Conference on Web Engineering 2002. Rotterdam, The Netherlands, June 2015.
- **ER 2015**: 34th International Conference on Conceptual Modeling, Stockholm, Sweden, October 2015.
- **BIOINFORMATICS 2015**: 6thInt. Conference on Bioinformatics Models, Methods and Algorithms, Lisbon, Portugal, January 2015
- **PoEM 2014**: 7th IFIP Int. Conference on the Practice of Enterprise Modeling, Manchester, UK, November 2014.
- **COOPIS 2014**: 22nd Int. Conference on Cooperative Information Systems, Amantea, Italy, October 2014.
- **BPM 2014**: 12th Int. Conference on Business Process Management, Eindhoven, The Netherlands.
- **BIOINFORMATICS 2014**: 5thInt. Conference on Bioinformatics Models, Methods and Algorithms, Angers, France, Mars 2014
- **ESEM 2013** 2013 ACM/IEEE International Symposium on Empirical Software Engineering and Measurement, 3-4 October 2013
- **CLEI 2012** 38 Conferencia Latinoamericana en Informática, Medellín, Colombia, 1-5 2012
- **CIKM 2009**: 18th ACM Int. Conference on Information and Knowledge Management, Hong Kong, China, November, 2-6 2009
- **IDEAS 2008**: IX Workshop Iberoamericano de Ingeniería de Requisitos y Ambientes Software, Isla Margarita, Venezuela, Abril 2007.
- **WWW2007**: Web Engineering Track of the 17th International World Wide Web Conference, Banff, Alberta, Canada, May 2007
- **RCIS 2007**: I Int. Conference on Research Challenges in Computer Science, Ouarzazate, Morocco, April 23-26 2007
- **CAiSE 2005**: 17th Conference on Advanced Information Systems Engineering (CAiSE'05), Porto, June 2005
- **ER 2005**: 24th International Conference on Conceptual Modeling, Klagenfurt, Austria, October 2005
- **JISBD 2002**: VII Jornadas de Ingeniería de Software y Bases de Datos. El Escorial, Madrid, Noviembre 2002
- **ICWE 2002**. Int. IEEE Conference on Web Engineering 2002. Santa Fe, Argentina. Septiembre 2002

- **WER 2002.** V Workshop on Requirements Engineering, Valencia, España, Noviembre 2002

b) **PC Member:**

- 356 Conferences and Workshops

c) **SC Member:**

- ER (Chair 2009-10) (International Conference on Conceptual Modeling)
- CAiSE (International Conference on Advance Information Systems Engineering)
- ESEM (2013-15) (ACM/IEEE International Symposium on Empirical Software Engineering and Measurement)
- CibSE (Conferencia Iberoamericana en Software Engineering)
- RCIS (International Conference on Research Challenges in Information Systems)
- REFSQ (2016-19) Working Conference on Requirements Engineering: Foundations of Software Quality)
- ICWE (International Conference on Web Engineering)
- JISBD (Jornadas de Ingeniería del Software y Bases de Datos)

Grants and other merits

- 5 Research Periods (“Sexenios de investigación”) 1997-2002, 2003-2008, 2009-2014, 2015-2020. +Transferencia
- 5 Teaching Periods
- **H-index:** 53 (Google Scholars, 2024), 12530 cites
- **Best Ph.D. Thesis** supervised in the Universidad Politécnica de Valencia (2001-2002)
- **Keynote Speaker** in SBES 2005, CADUI 2006, DEXA 2006, IDEAS 2007, ER 2008, RCIS 2009, DEXA 2010, KMIS 2010, INFORSID 2010, ICISOFT 2011, LACREST 2012, MODELSWARD 2013, RCIS 2014, MEDI 2015, ER 2016, SBQS 2016, SOFSEM 2017, WIMS 2017, iStar 2018, ER 2018 (DC) WEBIST 2018, BIR 2018, ESEM (2019), CibSE 2019 (DC), Interaccion 2019, EROSS 2020, DAMDID 2020, CibSE 2020, CIIS 2020, CONISOFT 2022, WER 2022, WEBIST 2024
- **PhD Supervisor** of 40 Thesis
- **Supervisor** of 56 Master Thesis.
- **Supervisor** of 110 PFCs (Degree Projects)
- **Head of Department** (2001-2008)
- **Head of Research Center** (2009-now)
- **ER FELLOW Award** – granted 2010.
- **Int. Peter Chen Award on Conceptual Modeling** - granted 2016
- **Member of the Academia Europaea** – since 2022
- **Fellow of Asia-Pacific Artificial Intelligence Association** – since 2022

Teaching Experience

- Bases de Datos (1985-86) 3º Facultad Informática.U. Politécnica Valencia
- Estructuras de Información (1986-87) 2º Facultat Informàtica. U. Politécnica Valencia
- Diseño y Gestión de Bases de Datos (1987-98) 4º E.T.S.I. Informática. U. Politécnica Valencia
- Gestión de Bases de Datos (1996-2006) 4º E.T.S.I. Informática. U. Politécnica Valencia
- Tecnología de Bases de Datos (2004-present) 5º E.T.S.I. Informática. U. Politécnica Valencia
- Herramientas Formales y OO de Producción de Software PhD Program “Ingeniería del Software e Inteligencia Artificial” U. Politécnica Valencia (*), (1992-94) 5º Fac. Informática. U. Politécnica Valencia
- Metodologías y Programación Automática Orientada a Objetos PhD Program “Ingeniería del Software e Inteligencia Artificial” U. Politécnica Valencia (*), PhD Program “Ingeniería del Software e Inteligencia Artificial” U. Politécnica Valencia (*), 1994-1997.
- Modelos Conceptuales y Generación Automática de Software. PhD Program “Ingeniería del Software e Inteligencia Artificial” U. Politécnica Valencia (*) (1997-2001)
- Tecnología Software para Ambientes Web (2002-present), PhD Program “Ingeniería del Software e Inteligencia Artificial” U. Politécnica Valencia (*), 2002-2006.
- Ingeniería Web. Master Internacional en Tecnologías de la Información, MTI, UTFSM, Valparaíso, Chile (2005-2013)
- Ingeniería de Sistemas de Información. Master Internacional en Tecnologías de la Información, MTI, UTFSM, Valparaíso, Chile (2014-present)
- Tecnología de Bases de Datos. Máster en Ingeniería del Software, Métodos Formales y Sistemas de Información (*). (2007-2014)
- Tecnología Software para Ambientes Web. Máster en Ingeniería del Software, Métodos Formales y Sistemas de Información (*). (2007-2014)
- Ingeniería de Sistemas de Información. Master Universitario en Ingeniería y Tecnología de Sistemas Software (*). 2015-Present)

- Selected Topics in Business Information Systems -Model-driven Software Development-. Master programme: Applied Informatics, University of Klagenfurt, Austria, 2015-Present
- Sistemas de Información aplicados a la Bioinformática: Gestión de Datos Genómicos. (*).Master Universitario en Ingeniería y Tecnología de Sistemas Software (*). 2015-Present
- Auditoría, Calidad y Gestión de Sistemas de Información, Master Universitario en Ingeniería Informática, ETSIInf, UPV, 2015-2017.
- Analysis of Genomic Data: Master Universitario en Ingeniería Biomédica, ETSII, UPV, 2016-Present
- El Papel del Ingeniero Biomédico: Grado de Ingeniería Biomédica, ETSII, 2016-Present
- Bioinformática: Grado de Ingeniería Biomédica ETSII, 2016-Present
- Diseño de Sistemas de Información Genómicos: ETSIInf, 2017-Present

NOTE: PhD Programs marked with (*) are awarded with "Mención de Calidad" by the Spanish Ministry of Science and Education.