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Born: May 25, 1973—El Tambo, Colombia

Nationality: Colombian

Current position

Titular Professor, Systems Department, University of Cauca

Areas of specialization

Software Engineering • Model Driven Engineering, Software Process Models, and Software and Process Visualization

Appointments held

1998-2015	University of Cauca, Colombia
2006-2010	University of Chile

Education

2002	SPEC. in Software Development Processes, University of Sanbuenaventura de Cali
2012	PhD. in Computer Science, University of Chile

Some Publications

JOURNAL PAPERS

- 2014 Julio Ariel Hurtado Alegria, María Cecilia Bastarrica, Alcides Quispe, Sergio F. Ochoa (2014), "MDE-based process tailoring strategy", *Journal of Software: Evolution and Process* 26(4): 26(4) 386-403
- 2014a Julio Ariel Hurtado Alegria, María Cecilia Bastarrica, Alexandre Bergel (2014), "Avispa: a tool for analyzing software process models", *Journal of Software: Evolution and Process* 26(4): 26(4) 434-450
- 2013 Julio Ariel Hurtado Alegria, María Cecilia Bastarrica, Sergio F. Ochoa, Jocelyn Simmonds (2014), "MDE software process lines in small companies", *Journal of Systems and Software* 86(5) 1153-1171
- 2013a Hanner Fabian Orejuela Muñoz, Alex García, Julio Ariel Hurtado Alegria, César Alberto Collazos Ordóñez (2013), "Analyzing and Applying Gamification to ChildProgramming Process", *Colombian Computer Journal Revista* 14(2) 7-23
- 2012 Luis F. Muñoz, Julio Ariel Hurtado Alegria, "XP/Architecture: An Agile Model for Scaling", *Colombian Computer Journal Revista* 13(2)
- 2012a C. Pito, Ruben J. Gaviria, Pablo A. Mage, Julio Ariel Hurtado Alegria, "Model Driven Tests for Distributed Systems: A Case Study in a Course", *Colombian Computer Journal Revista* 13(2)
- 2011 Julio Ariel Hurtado Alegria, María Cecilia Bastarrica, Alexandre Bergel, "Is it Safe to Adopt the Scrum Process Model?" *Electronical Journal* 14(3)
- 2006 Julio Ariel Hurtado Alegria, M. Cecilia Bastarrica, "Implementing CMMI using a Combination of Agile Methods", *CLEI Electronical Journal* 9(1)

CONFERENCE PAPERS

- 2012 Julio Ariel Hurtado Alegria, María Cecilia Bastarrica: "Building software process lines with CASPER", *International Conference in Software and System Processes* 2012. 170-179.
- 2011 Julio Ariel Hurtado Alegria, María Cecilia Bastarrica, Alexandre Bergel, "Analyzing software process models with AVISPA", *International Conference in Software and System Processes* 2011 23-32.
- 2011a Julio Ariel Hurtado Alegria, María Cecilia Bastarrica, Alcides Quispe, Sergio F. Ochoa, A"n MDE approach to software process tailoring, *International Conference in Software and System Processes* 2011 " 43-52.
- 2010 Julio Ariel Hurtado Alegria, Alejandro Lagos, Alexandre Bergel, M. Cecilia Bastarrica, "Software Process Model Blueprints", *International Conference in Software Processes* 2010. 273-284
- 2010a Julio Ariel Hurtado Alegria, M. Cecilia Bastarrica, Alexandre Bergel, "Analyzing the Scrum Process Model with AVISPA". *Chilean Computer Science Society Conference* 2010 60-65
- 2009 Francisco J. Pino, Julio Ariel Hurtado Alegria, Juan Carlos Vidal, Félix García, Mario Piattini. "A Process for Driving Process Improvement in VSEs", *International Conference in Software Processes* 2010 342-353.

Teaching

Software Engineering
Object Oriented Programming
Object Oriented Design
Software Process Engineering
Software Process Improvement
Mathematics and Languages Paradigms in Computing
Research Methods in Software Engineering

Service to the profession

Consultant in software process definition and improvement: BBR Engineering, Amisoft, Rastreosat and Rhiscom Companies.