

Curriculum Vitae

Professor Flavio Oquendo

Full Professor of Computer Science
(holding the Research Excellence Award
from the Ministry of Research and Higher Education, France)

Flavio.Oquendo@irisa.fr

Institut de Recherche en Informatique et Systèmes Aléatoires (IRISA)
UMR 6074 CNRS/Universités de Rennes 1 et de Bretagne-Sud
<http://www-archware.irisa.fr/members/flavio-oquendo/>

Short Bio

Prof. Dr. Flavio Oquendo is Full Professor of Computer Science (holding the Research Excellence Award from the Ministry of Research and Higher Education of France) in the University of South Brittany at the PRES European University of Brittany, France, where he leads the research group on Software Architecture at the IRISA Computer Science Research Institute (UMR CNRS 6074).

He received the B.Sc. Eng. degree from ITA (Instituto Tecnológico de Aeronáutica) Engineering School, São José dos Campos, São Paulo, Brazil, and the M.Sc., Ph.D., and H.D.R. (Research Direction Habilitation) degrees in Computer Science from the University of Grenoble, France.

Before joining the University of South Brittany in 2005, Prof. Oquendo held appointments in Computer Science as Full Professor at the University of Savoie (9 years) and Associate/Assistant Professor at the University of Grenoble (5 years). Previously, he was a member of the R&D Staff at the G.I.E. Emeraude [R&D group on Advanced Software Engineering created by BULL, Thomson-Sysecra (now THALES IS), and Eurosoft (now part of AT&T Europe)] in Paris (5 years).

Prof. Dr. Flavio Oquendo has over 25 years experience in Research & Development. He has actively participated in 10 European R&D Projects, partially funded by the European Commission: ALICE (MAP), PCTE (FP), PCTE+ (IEPG), PACT (FP), ALF (FP), SCALE (FP), PROMOTER I (FP), PROMOTER II (FP), PIE (FP), and ARCHWARE (FP) in addition to Overseas R&D Projects with America (PRI AIGLE) and Asia (AL STAFF). In particular, he was member of the Specification Team of the ECMA and ISO Standards on Portable Common Tool Environments (PCTE), Scientific Director of the European SCALE Project (FP, 1992-1996), that developed software process-centered environments for system composition with planned and intensive reuse of components, Partner Manager of the European PIE Project (FP, 1997-2001), that developed tools and technologies for modeling and enacting evolvable software-intensive processes, and Scientific Director of the European ArchWare Project (FP, 2002-2005), that has defined and developed an integrated set of languages and tools for the architecture-centric model-driven engineering of evolvable software systems. Since 2007, he has participated in European working groups of the NESSI (FP) Networked European Software and Services Initiative ETP and its NEXOF (FP) Open Source Initiative. Since 2010, he has joined the S-CUBE (FP) European Network of Excellence in Software Services and Systems. Support for his research has mainly come from these European Commission's R&D grants and collaborative industrial contracts.

He has acted as expert/reviewer/evaluator for R&D Projects in ICT for several R&D Programs of the European Commission (ICT Framework Program), the French Research Agency (ANR), the French R&D Technology Transfer Agency (ANVAR-OSEO), the Netherlands Organization for Scientific Research (NWO), the Belgian Research Foundation Flanders (FWO), the British Research Agency (EPSRC) and the INRIA International Program.

Prof. Dr. Flavio Oquendo has supervised 21 Ph.D. graduate students in the last 21 years. 16 of these PhD have academic positions in different universities in France (Paris, Grenoble, Marseille, Orléans, Savoie, Toulouse) or in other countries (Switzerland, Morocco, Pakistan, United Kingdom) and the others have positions on R&D in companies based on different countries (France, Canada, Switzerland). He has participated as chair, referee or examiner to ca. 60 Ph.D. and HDR defence committees in different countries.

He has published over 150 refereed journal and conference papers in Computer Science, being listed among the most prolific authors in the DBLP Computer Science Bibliography.

Prof. Dr. Flavio Oquendo has served on Program Committees of over 100 International Conferences and Workshops, has chaired 10 of them. He has also been editor of 10 books and proceedings and 6 journal special issues.

In particular, in Software Architecture, he has been involved as Program Committee (PC) Chair, PC Member, Steering Committee (SC) Chair, and SC Member in the French, European, and International Conferences: International IEEE/IFIP Conferences on Software Architecture [PC Chair, PC Member, SC Member] (Proceedings by IEEE CS), European Conferences on Software Architecture [PC Chair, PC Member, SC Chair]

(Proceedings Springer LNCS), European Workshops on Software Architecture [PC Chair, PC Member, SC Chair] (Proceedings by Springer LNCS), French-speaking Conferences on Software Architectures - Conférences Francophones sur les Architectures Logicielles [PC Chair, PC Member, SC Member] (Proceedings by Hermes Sciences/Lavoisier).

He has founded, with the support of the European Commission, the European Conferences and Workshops on Software Architecture series, started in 2004 collocated with ACM/IEEE ICSE in Scotland, then organized in 2005 in Italy, in 2006 in France, in 2007 in Spain, in 2008 in Cyprus, in 2009 in England, in 2010 in Denmark, in 2011 in Germany, in 2012 in Finland, and organizing its 10th edition to be held in Montpellier, France, in 2013.

In Software Process, he has been involved as PC Chair and PC Member in European and International events: European Workshops on Software Process Technology, International Conferences on Software Process, and European Summer Schools on Software Process.

In Software Engineering, he has been involved in the Program Committee of the key conferences of the domain, including IEEE/ACM ICSE (International Conference on Software Engineering), ACM ESEC/FSE (European Software Engineering Conference and Symposium on the Foundations of Software Engineering) as well as major conferences which includes tracks in software engineering, e.g. AAMAS (International Conference on Autonomous Agents and Multiagent Systems), ISARCS (International Symposium on Architecting Critical Systems), I-ESA (International Conference Interoperability for Enterprise Software and Applications), and ICSP (International Conference on Software/Systems Process).

Regarding Brazilian conferences, he has participated to Program Committees of several editions of the Brazilian Symposium on Software Engineering (SBES, Simpósio Brasileiro de Engenharia Software) and the Brazilian Symposium on Software Components, Architectures and Reuse (SBCARS, Simpósio Brasileiro de Componentes, Arquiteturas e Reutilização de Software). He gave an invited tutorial at SBES 2009 on “Dynamic Software Architecture: Principles, Languages, and Tools”, an invited keynote at SBCARS 2010 on “Beyond Architecture in Software Architecture: A Unified Approach for Architecture-Driven Software Engineering”, an invited keynote at CSBC 2011 (Congresso da Sociedade Brasileira de Computação) in the SEMISH 2011 (Seminário Integrado de Software e Hardware) on “Paradigm Shift in Software-intensive Systems Engineering: The Architecture-Based Approach. In 2013, he gave an invited keynote at SBSI (Simpósio Brasileiro de Sistemas de Informação) on “Systems-of-Systems: A New Frontier for Information Systems in a Open World” and another invited keynote at CSBC 2013 on “Software-intensive Systems-of-Systems: Emerging Paradigm for Smarter Cities”.

In addition, in 2012, he has served as Full Professor at USP (Visiting Position) in the French Chair of São Paulo State, having carried out research with ICMC in liaison with INCT-SEC and in 2013 was awarded with a Visiting Professorship Position ‘Pesquisador Visitante Especial’ by FAPESP also at USP/ICMC. Moreover, also in 2013, he was awarded a Special Senior Researcher Visiting Position ‘Pesquisador Visitante Especial’ by the Program Sciences without Border/CNPq (Brazil).

Prof. Dr. Flavio Oquendo has acted as referee for more than 20 International Journals, including: IEEE Transactions on Software Engineering, ACM Transactions on Software Engineering and Methodology, ACM Transactions on the Web, IEE/IET Software, Journal of Systems and Software, Automated Software Engineering, Journal of Systems Architecture, Journal of Computer Science and Technology, Information and Software Technology Journal, Information Processing Letters, Journal of Universal Computer Science, International Journal of Cooperative Information Systems, European Journal of Information Systems, The Oxford Computer Journal, and also IEEE Software, IEEE Computer, and the IEEE Internet Computing,

Related to Software Architecture, he has coedited 6 Special Issues in International Journals, including: International Journal of Cooperative Information Systems (2007), Journal of Universal Computer Science (2009, 2011, 2013), Journal of Systems and Software (2011), and Software and System Modelling Journal (2013).

Prof. Dr. Flavio Oquendo's research interests are centred on languages, processes and tools to support efficient architecture and engineering of software-intensive systems and systems-of-systems. His current research interests include formal description and development techniques for software architecture and

process modelling, analysis, transformation/refinement, and evolution and their applications in industrial settings. Fields of application include the engineering of all kinds of software-intensive systems and systems-of-systems operating in predictable or unpredictable environments.

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Curriculum Vitae

1. Professional data/activity			
Full name	Date of birth	Nationality	
Flavio Oquendo	21 May 1958	French	
E-mail			
flavio.oquendo@irisa.fr			
Institution		Present position	
Institut de Recherche en Informatique et Systèmes Aléatoires (IRISA) / IRISA – UMR 6074 CNRS avec l'INRIA, l'Université de Bretagne-Sud et l'Université de Rennes 1 ainsi que l'ENS Cachan-Bretagne, l'INSA de Rennes et Télécom Bretagne		Full Professor (Professeur des Universités de 1ère Classe avec Prime d'Excellence Scientifique – PES 'A')	
Department		Start date (month/year)	
Computer Science		October 1992	
Office address		P.O. box	
PRES Université Européenne de Bretagne IRISA – Univ. de Bretagne-Sud Campus de Tohannic – ENSIBS BP 573 F-56017 Vannes Cedex France		BP 573	
City	State/Province	Country	Zip code
Vannes	Bretagne	France	F-56017
Phone number	Extension	Fax number	
(+33)-2-97-01-72-76	-	(+33)-9-57-23-88-22	
2. Academic background			
Degree	Field of knowledge		Start / End date
	B.Sc. Engineering Degree Software-intensive Systems Engineering/Aeronautical Systems Infrastructures		1977/1981
	Institution	city	Country
	ITA (Instituto Tecnológico de Aeronáutica)	São José dos Campos, São Paulo	Brazil
Degree	Field of knowledge		Start / End date
	M.Sc. Diplôme d'études approfondies Degree Computer Science		1985/1986
	Institution	city	Country
	University of Grenoble	Grenoble	France
Degree	Field of knowledge		Start / End date
	Ph.D. Degree Computer Science		1986/1990
	Institution	city	Country
	University of Grenoble	Grenoble	France

Degree H.D.R. Degree (Research Direction Habilitation / French National Qualification for Full Professorship)	Field of knowledge Computer Science		Start / End date 1990/1995
	Institution University of Grenoble	city Grenoble	Country France

3. Research interests

Field of Study

Computing and Information Technology

Software Architecture: Formal Languages, Processes & Tools

Software-intensive Systems Architecture and Process

Complex Systems-of-Systems Architecture and Process

4. Current position

Academic Position

Full Professor of Computer Science at the University of South Brittany (UBS / Université de Bretagne-Sud) at PRES European University of Brittany (UEB / Université Européenne de Bretagne), France
(Professeur des Universités de 1^{ère} Classe)

Research Excellence Award (Prime d'Excellence Scientifique du Ministère de l'Enseignement Supérieur et de la Recherche – PES 'A')

Research and Development

Head of the Software Architecture Research Group of the IRISA Computer Science Research Institute (Institut de Recherche en Informatique et Systèmes Aléatoires / UMR 6074 CNRS/Universités de Rennes 1 et de Bretagne-Sud)

Head of the Computer Science and Software-intensive Systems Engineering Department of the National School of Engineering of South Brittany (ENSIBS / Ecole Nationale Supérieure d'Ingénieurs de Bretagne-Sud) at the University of South Brittany (UBS / Université de Bretagne-Sud), France

5. Work experience

5.1. Institution	Position	Activities	Local	Start - End date
Telebrás Group (Telecomunicações Brasileiras S.A.)	Engineer	Software	Brazil	1982-1985
G.I.E. Emeraude R&D (R&D Group on Software Engineering created by BULL, Thomson-Sysec, and Eurosoft, now part of AT&T Europe)	R&D Engineer	R&D on Software	Paris, France	1986-1990
University of Grenoble, France	Assistant/Associate Professor	Research on Software/Computer Sciences	Grenoble, France	1990-1995
University of Savoie, France	Full Professor	Research on Software/Computer Sciences	Savoie, France	1995-2005
University of South Brittany, France	Full Professor	Research on Software/Computer Sciences	Brittany, France	2005-...

6. Scientific, technological and artistic production			
	numb		number
1. scientific articles in national scientific journals	4	6. papers presented in congresses, seminars, conferences, etc.	132
2. scientific articles in international scientific journals	19	7. participation in expositions, presentations, etc.	231
3. articles for scientific divulgement	1 ¹	8. journal special issues	7
4. defended theses	3	9. patents / participation in international	9
5. advised PhD theses	21	10. books (edition / chapters)	20 (10 / 10)
7. Main publications and relevant publications related to the project			
<p>Prof. Dr. Flavio Oquendo has published over 150 refereed journal and conference papers in Computer Science with emphasis on Software-intensive Systems Architecture and Engineering. He is listed among the most prolific authors in the DBLP Computer Science Bibliography.</p> <p>He is editor of:</p> <ul style="list-style-type: none"> • 11 Books, of which 10 International and 1 National, • 7 Special Issues in International Journals. <p>He is author of 183 publications, of which:</p> <ul style="list-style-type: none"> • 21 Articles in International Journals, • 5 Articles in National Journals, • 135 Papers in International Conference Proceedings, • 11 Papers in National Conference Proceedings, • 11 Book Chapters, of which 7 Internationals and 4 Nationals. <p>Moreover, he has authored 34 Deliverables of European Research Projects, and has authored 9 International Standards, of which 6 ECMA and 3 ISO.</p>			

¹ Oquendo F., "Software Architectures / Les Architectures Logicielles", Encyclopaedia on Computing and Information Systems / Encyclopédie de l'informatique et des systèmes d'information, Editions Vuibert, December 2006 (In French).

<p><i>Scientific Production</i> (Google Scholar at May 31, 2014)</p> <p>h-index = 18 i10-index = 41 number of papers: 183 number of citations = 1331</p> <p>DBLP Computer Science Bibliography: listed among the most prolific authors</p>	Publications	International	National
	11 Edited Books	10 (of which 1 ACM, 2 IEEE and 5 Springer)	1 (by Hermès)
	7 Edited Special Issues in Journals	7 (of which 1 JSS, 1 IJCIS, 1 SoSyM, 4 JUCS)	
	26 Authored Articles in Journals	21 (of which JSS, ASE, IJMIC, IJCIS, JCSU, MAGS, IEE Software, ACM ACR, ACM SEN)	5 (by GL)
	146 Authored Papers in Proceedings	135 (of which 94 conferences et 41 workshops) 35 in Proceedings IEEE or ACM 23 in Proceedings LNCS 88 in Proceedings with other publishers, all with ISBN	11 (by Hermès, INRIA ...)
	11 Authored Book Chapters	7 (of which 2 Wiley, 1 IEEE, 1 Springer, 2 Kluwer, 1 Horwood)	4 (3 by Hermès, 1 Vuibert)
	9 Authored Standards	9 (of which 3 ISO)	
34 Authored Deliverables of European Projects	34 (from FP1 to FP7)		

Personal Record

Name: Flavio Oquendo

Nationality: Double Nationality: French and Brazilian



Position: Full Professor of Computer Science at the University of South Brittany (UBS / Université de Bretagne-Sud), part of the PRES European University of Brittany (UEB / Université Européenne de Bretagne), France

Grade: 1st Class Full Professor (Professeur des Universités de 1^{ère} Classe)

Award: Research Excellence Award (Prime d'Excellence Scientifique du Ministère de l'Enseignement Supérieur et de la Recherche – PES 'A')

Functions: Head of the Computer Science and Software Engineering Department of the National School of Engineering of South Brittany (ENSIBS / Ecole Nationale Supérieure d'Ingénieurs de Bretagne-Sud), part of the University of South Brittany (UBS / Université de Bretagne-Sud), France

Head of the Software Architecture Research Group of the IRISA Computer Science Research Institute (Institut de recherche en informatique et systèmes aléatoires / UMR CNRS 6074)

Address: Université de Bretagne-Sud - IRISA / ENSIBS
Campus de Tohannic
BP 573, F-56017 Vannes Cedex
France
Phone: +33-2.97.01.72.76
Fax: +33-9.57.37.75.87 or +33-2.97.01.72.79 (secretary)
E-mail: flavio.oquendo@irisa.fr
Web page: <http://www-archware.irisa.fr/members/flavio-oquendo/>

Education

Prof. Dr. Flavio Oquendo received:

- The B.Sc. Engineering Degree from ITA (Instituto Tecnológico de Aeronáutica), São José dos Campos, São Paulo, Brazil, in 1981
- The M.Sc. Diplôme d'études approfondies Degree in Computer Science from the University of Grenoble, France, in 1986
- The Ph.D. Degree in Computer Science from the University of Grenoble, France, in 1990
- The H.D.R. (Research Direction Habilitation/French National Qualification for Full Professorship) Degree in Computer Science from the University of Grenoble, France, in 1995

Employment and Appointments

Prof. Dr. Flavio Oquendo held academic appointments in Computer Science & Software Engineering since 1990 as:

- Associate Professor at the University of Grenoble, France (1990-1995)
- Full Professor at the University of Savoie, France (1995-2005)
- Full Professor at the University of South Brittany, France (2005-...)

Prior to joining the academia, he held positions in the industry as:

- R&D Engineer at the G.I.E. Emeraude [R&D group on Advanced Software Engineering created by BULL, Thomson-Syseca (now THALES IS), and Eurosoft (now part of AT&T Europe)] in Paris, France for 5 years

Research Projects

Prof. Oquendo has over 25 years experience in Research & Development. He has actively participated in 10 European R&D Projects, partially funded by the European Commission: ALICE (MAP), PCTE (FP), PCTE+ (IEPG), PACT (FP), ALF (FP), SCALE (FP), PROMOTER I (FP), PROMOTER II (FP), PIE (FP), and ARCHWARE (FP) in addition to Overseas R&D Projects with America (PRI AIGLE) and Asia (AL STAFF).

In particular, he was member of the Specification Team of the ECMA and ISO Standards on Portable Common Tool Environments (PCTE), Scientific Director of the European SCALE Project (FP, 1992-1996), that developed software process-centered environments for system composition with planned and intensive reuse of components, Partner Manager of the European PIE Project (FP, 1997-2001), that developed tools and technologies for modeling and enacting evolvable software-intensive processes, and Scientific Director of the European ArchWare Project (FP, 2002-2005), that has defined and developed an integrated set of languages and tools for the architecture-centric model-driven engineering of evolvable software systems.

Since 2007, he has participated in European working groups of the NESSI (FP) Networked European Software and Services Initiative ETP and its NEXOF (FP) Open Source Initiative. Since 2010, he has joined the S-CUBE (FP) European Network of Excellence in Software Services and Systems.

Support for his research has mainly come from these European Commission's R&D grants and collaborative industrial contracts.

European R&D Projects

- ALICE* (*MAP Program*): R&D of an active and deductive object-oriented database management system for heterogeneous software engineering environments. Study and specification of the software engineering object-oriented database system. Project Partners: SELENIA (Italy), INTECS (Italy), University of Grenoble II (France).
- PCTE* (*FP Program*): R&D of a portable common tool environment, a public tool interface for the construction of integrated large-scale software development environments. Study and specification of object-oriented features for the PCTE Object Management System, Edition 1.4. Project Partners: BULL (France), GEC Software (United Kingdom), ICL (United Kingdom), NIXDORF (Germany), OLIVETTI (Italy), SIEMENS (Germany).
- PCTE+* (*IEPG-TA13 Program*): R&D of a public tool interface, based on the PCTE interface specifications, for the construction of civil and military highly critical software development environments. Study and specification of advanced features of the PCTE+ Object and Schema Management System (abstract specifications, Ada and C bindings).

Project Partners: BULL (France), GIE Emeraude (France), Industrienanlagen Betriebsgesellschaft (Germany), SELENIA (Italy), Software Sciences Limited (United Kingdom), THOMSON-SYSECA (France), University of Aberystwyth (United Kingdom), University of Nancy-CRIN (France).

- PACT* (FP Program): R&D of an integrated project support environment for large-scale software development using PCTE and common services for integrating CASE tools. Study and specification of the version and configuration management common service and toolset. Project Partners: BULL (France), EUROSOFTE (France), GEC Software (United Kingdom), ICL (United Kingdom), OLIVETTI (Italy), SIEMENS (Germany), THOMSON-SYSECA (France), Systems and Management (Italy).
- ALF* (FP Program): R&D of a process-centered software engineering environment providing a process description language (MASP, Model for Assisted Software Processes) and mechanisms to support process enactment. Study and specification of the MASP formalism and design and implementation of the ALF environment framework and MASP enactment engine. Project Partners: GIE Emeraude (France), Cerilor (France), CIG-INTERSYS (Belgium), Computer Technologies Co. (Greece), Grupo de Mecánica del Vuelo, S.A. (Spain), ICL (United Kingdom), Catholic University of Louvain (Belgium), University of Dijon-CRID (France), University of Dortmund-Informatik 10 (Germany), University of Nancy-CRIN (France).
- SCALE* (FP Program): R&D of a process-centered component-based software engineering Environment for system composition with planned and intensive reuse of components in architectural frameworks. Study and specification of the goal-oriented SCALE PML (Process Modeling Language) and design and implementation of the SCALE open environment framework and Process Smarter enactment engine. Project Partners: INTECS (Italy), BULL (France), GIE Emeraude (France), INRIA (France), Logica Cambridge (United Kingdom), SFGL/TRANSTAR (France), University of Grenoble II (France).
- PROMOTER I* (FP Program): Basic Research Action on Process Modeling Techniques. Working Group Partners: University of Nancy-CRIN/LORIA (France), IMAG-LGI/LSR (France), Imperial College (United Kingdom), University of Grenoble II (France), University of Pisa (Italy), University of Manchester (United Kingdom), University of Dortmund-Informatik 10 (Germany), University of Leiden (The Netherlands), Politecnico di Milano (Italy), Politecnico di Torino (Italy), Technical University of Norway (Norway).
- PROMOTER II* (FP Program): Basic Research Action on Process Modeling Techniques. Working Group Partners: University of Nancy-LORIA (France), IMAG-LSR (France), Imperial College (United Kingdom), University of Pisa (Italy), University of Manchester (United Kingdom), University of Dortmund-Informatik 10 (Germany), University of Leiden (The Netherlands), University of Paderborn (Germany), University of Savoie (France), London City University (United Kingdom), Politecnico di Milano (Italy), Politecnico di Torino (Italy), Technical University of Norway (Norway), Technical University of Vienna (Austria).
- PIE* (FP Program): R&D of a software environment framework for software process modeling and evolution. Study, definition and implementation of a language for architecting process-enabled components, including process monitoring, quantitative control and evolution in geographically distributed environments. Project Partners: Cap Gemini (France), Xerox European Research Centre (France), Dassault Systèmes (France), ICL (United Kingdom), IMAG-LSR (France), University of Manchester (United Kingdom), University of Dortmund (Germany), University of Savoie (France), Politecnico de Milano (Italy), Teamware (United Kingdom).
- ARCHWARE* (FP Program): R&D of languages, tools, and processes for architecture-centric model-driven engineering of evolvable software systems. It comprises: (a) the definition of formal languages (with textual and graphical notations) for modeling dynamic architectures (including expression of run-time structure, behavior, and semantic properties from a

run-time component-and-connector viewpoint) and expressing their analyses and refinements; (b) the implementation of a customizable environment (available as Open Source Software) for architecture-centric software engineering, including processes and tools for supporting architecture description, analysis, refinement, code generation, and their evolution. Project Partners: INRIA (France), Thesame (France), CPR – Consorzio Pisa Ricerche (Italy), Engineering – Ingegneria Informatica (Italy), University of Manchester (United Kingdom), University of St. Andrews (United Kingdom).

S-CUBE (*FP Program*): European Network of Excellence in Software Services and Systems". Project Partners: University of Duisburg-Essen (Germany), Tilburg University (Pays-Bas), City University London (Grande Bretagne), Consiglio Nazionale delle Ricerche (Italy), INRIA (France), Irish Software Engineering Research Centre (Ireland), Politecnico di Milano (Italy), Vienna University of Technology (Austria), Université Claude Bernard Lyon (France), Universidad Politécnica de Madrid (Spain), University of Stuttgart (Germany), University of Hamburg (Germany), Vrije University Amsterdam (Pas-Bas) – participating as Associated Partner.

Oversea R&D Projects

STAFF (*FP AsiaLink Program*): PhD and Young Academic Training Programing enforcing Best Practices for Preparing Future Academic Staff in Computer Science. Project partners: Université de Bretagne-Sud (France), University of the West of England (Grande Bretagne), Beijing Institute of Technology (Chine), National University of Sciences & Technology/Institute of Information Technology (Pakistan).

AIGLE (*PRI Program/Research-Industry France-Brazil*): PCTE-based Software Engineering Environments. Project Partners: Université de Bourgogne (France), Université de Savoie (France), Bull (France), CITS/Universidades do Paraná (Brazil), ABC-Bull São Paulo (Brazil).

Supervision of Ph.D. Thesis

Prof. Dr. Flavio Oquendo has supervised or co-supervised 21 Ph.D. graduate students in the last 21 years. 16 of these PhD have academic positions in different universities in France (Paris, Grenoble, Marseille, Orléans, Savoie, Toulouse) or in other countries (Switzerland, Morocco, Pakistan, United Kingdom) and the others have positions on R&D in companies based on different countries (France, Canada, Switzerland).

He has participated as chair, referee or examiner to ca. 60 Ph.D. and HDR defense committees in different countries.

Supervised Awarded Ph.D. Thesis

1. Marie-Hélène Stefanini: An Agent-oriented System based on a Distributed Law Governed Approach, Grenoble, January 21, 1993.
2. Mounia Fredj: A Formal Object Management System based on Lesniewski's Ontology and Mereology Logics, Grenoble, January 28, 1993.
3. Selma Arbaoui: Managing Incomplete and Uncertain Information in a Goal-Oriented Process-Centered Software Engineering Environment, Grenoble, July 5, 1993.
4. Selma Mouline: An Algebra for Complex Object Management in Object-Oriented Databases: The Algebra of Names and Classes, Grenoble, July 8, 1994.
5. Ilham Alloui: An Intentional Logic-based System for Supporting Decentralised Software Process Interaction and Co-operation, Grenoble, September 26, 1996.
6. Safia Latrous: A Constraint-based System for Software Process Evolution Control, Grenoble, April 21, 1997.
7. Sorana Cîmpan: A Fuzzy Logic-based Formalism for Software Process Monitoring and Reconciliation, Savoie, January 28, 2000.
8. Hervé Verjus: An Event-based Formalism for Modeling and Supporting Federated Software Processes, Savoie, September 24, 2001.
9. Christelle Chaudet: A Formal Architecture Description Language for Specifying Dynamic Processes based on the Pi-Calculus, Savoie, December 12, 2002.
10. Vincent Lestideau: Models and Environments for Configuring and Deploying Software Systems, Savoie, December 19, 2003.
11. Thomas Bolusset: Formalism for Modeling and Refining Component-based Architectures into B Abstract Machines using Rewriting Logics, Savoie, September 30, 2004.
12. Fabien Leymonerie: Style Specification Language and Tool for Dynamic Software Architectures, Savoie, December 15, 2004.
13. Olivier Ratcliffe: Process Models and Tools for Domain Specific Architectures: Architecture-Centric Software Engineering of Monitoring Systems, Savoie, December 16, 2004.
14. Karim Megzari: Method and Tool for Refining Component-based Architecture using Rewriting Logics, Savoie, December 17, 2004.
15. Jérôme Revillard: Styles and Tools for Architecture-Centric Software Engineering of Intelligent Instruments Systems, Savoie, December 15, 2005.
16. Frédéric Pourraz: Formal Architecture-Centric Language and Tools for Evolvable Composition of Web Services, Savoie, December 10, 2007.

17. Selma Azaiez: Formal Model-Driven Development of Multi-Agent Systems, Savoie, December 11, 2007.
18. Zawar Qayyum: Concretization of Software Architectures based on Formal Executable Languages: Domain-Specific Languages for Formal Architecture Development, Bretagne, February 11, 2009.
19. Maruf Pasha: Autonomous Semantic Grids: Middleware for Interoperability among Software Agents and Web Services, Bretagne, February 4, 2010.
20. Zaheer Khan: Formal Refinement of Software Process for Supporting Service-Oriented Architectures, Bristol, April 28, 2010.
21. Nadeem Akhtar: Contribution to the Formal Specification and Verification of Robotic Multiagent Systems, Bretagne, September 2, 2010.
22. Davy H elard, CIFRE grant with MGDIS, since September 2012.
23. Lucas Oliveira, CsF-CNPq grant, since October 2012.
24. Everton Cavalcante, CsF-CNPq grant, since October 2013.
25. Marcelo Gonalves, CsF-CNPq grant, since October 2013.
26. Soraya Mesli, CIFRE grant with SEGULA, since November 2013.
27. Minh Tu Ton That, MESR grant, defence planned on September 2014.

Program Committees

Prof. Dr. Flavio Oquendo has actively served on Program Committees of over 100 International Conferences and Workshops (of which over 100 with Proceedings published by ACM, IEEE, or Springer), has chaired 10 of them (all with Proceedings published by ACM, IEEE, or Springer).

In particular, in Software Architecture, he has been involved as Program Committee (PC) Chair, PC Member, Steering Committee (SC) Chair, or SC Member in the French, European, and International Conferences:

- [PC Chair, PC Member, SC Member] International IEEE/IFIP Conferences on Software Architecture (Proceedings by IEEE CS),
- [PC Chair, PC Member, SC Member] European Conferences on Software Architecture (Proceedings Springer LNCS),
- [PC Chair, PC Member, SC Chair] European Workshops on Software Architecture (Proceedings by Springer LNCS),
- [PC Chair, PC Member, SC Member] French-speaking Conferences on Software Architectures - Conférences Francophones sur les Architectures Logicielles (Proceedings by Hermes Sciences/Lavoisier).

He has founded, with the support of the European Commission, the European Conferences and Workshops on Software Architecture series, started in 2004 collocated with ACM/IEEE ICSE in Scotland, then organized in 2005 in Italy, in 2006 in France, in 2007 in Spain, in 2008 in Cyprus, in 2009 in England, in 2010 in Denmark, in 2011 in Germany, in 2012 in Finland, in 2013 in France and currently organizing its 11th edition to be held in Vienna, Austria, in 2014.

In Software Process, he has been involved as PC Chair and PC Member in European and International events: European Workshops on Software Process Technology, International Conferences on Software Process, and European Summer Schools on Software Process.

In Software Engineering, he has been involved in the Program Committee of the key conferences of the domain, including:

- IEEE/ACM ICSE (International Conference on Software Engineering),
- ACM ESEC/FSE (European Software Engineering Conference and Symposium on the Foundations of Software Engineering)

as well as major conferences which includes tracks in software engineering, e.g.:

- AAMAS (International Conference on Autonomous Agents and Multiagent Systems),
- ICSP (International Conference on Software/Systems Process),
- ICSEA (International Conference on Software Engineering Advances),
- ISARCS (International Symposium on Architecting Critical Systems),
- ADVCOMP (International Conference on Advanced Engineering Computing and Applications in Sciences),
- ICSoft (International Conference on Software and Data Technologies),
- I-ESA (International Conference Interoperability for Enterprise Software and Applications).

Some Coming and Past Events in the Decade

2015

1. [PC Member] SAC 2015: ACM Symposium On Applied Computing Program, track Software Architecture: Theory, Technology, and Applications Track, Salamanca, Spain.

2014

2. [PC Member & SC Member] WICSA 2014: IEEE/IFIP Working International Conference on Software Architecture, Sydney, Australia, April 2014. Proceedings by IEEE Computer Society.
3. [PC Member & SC Chair] ECSA 2013: European Conference on Software Architecture, Vienna, Austria. Proceedings by IEEE Computer Society.
4. [PC Member] ICSEA 2014: International Conference on Software Engineering Advances, Nice, France. Proceedings by IEEE Computer Society.
5. [PC Member] ICSOFT 2014: International Conference on Software and Data Technologies, Vienna, Austria. Proceedings by SciTePress and best papers by Springer CCIS.
6. [PC Member] WETICE 2014: IEEE International Conference on Collaboration Technologies and Infrastructures, Parma, Italy. Proceedings by IEEE Computer Society.
7. [PC Member] AROSA 2014: IEEE WETICE Conference Track on Adaptive and Reconfigurable Service-oriented and component-based Applications and Architectures, Parma, Italy. Proceedings by IEEE Computer Society.
8. [PC Member] PESOS 2014: International Workshop on Principles of Engineering Service-Oriented Systems at ACM/IEEE International Conference on Software Engineering (ICSE'2014), Hyderabad, India. Proceedings by ACM.
9. [PC Member] ICAART 2014: International Conference on Agents and Artificial Intelligence, Angers, France. Proceedings by SciTePress and best papers by Springer CCIS.
10. [PC Member] SBES 2014: Brazilian Symposium on Software Engineering, Maceio, Brazil. Proceedings by IEEE Computer Society/DL.
11. [PC Member] SBCARS 2014: Brazilian Symposium on Software Components, Architectures and Reuse (SBCARS), Maceio, Brazil. Proceedings by IEEE Computer Society/DL.

2013

12. [Conference Chair] ECSA 2013: European Conference on Software Architecture, Montpellier, France. Proceedings by IEEE Computer Society.
13. [PC Member] ISARCS 2013: International ACM Symposium on Architecting Critical Systems, Vancouver, Canada, Italy. Proceedings by ACM.
14. [PC Member] ICSEA 2013: International Conference on Software Engineering Advances, Venice, Italy. Proceedings by IEEE Computer Society.
15. [PC Member] ICSOFT 2013: International Conference on Software and Data Technologies, Reykjavík, Iceland. Proceedings by SciTePress and best papers by Springer CCIS.
16. [PC Member] WETICE 2013: IEEE International Conference on Collaboration Technologies and Infrastructures, Hammamet, Tunisia. Proceedings by IEEE Computer Society.
17. [PC Member] AROSA 2013: IEEE WETICE Conference Track on Adaptive and Reconfigurable Service-oriented and component-based Applications and Architectures, Hammamet, Tunisia. Proceedings by IEEE Computer Society.
18. [PC Member] PESOS 2013: International Workshop on Principles of Engineering Service-Oriented Systems at ACM/IEEE International Conference on Software Engineering (ICSE'2013), San Francisco, CA, USA. Proceedings by ACM.
19. [PC Member] ICAART 2013: International Conference on Agents and Artificial Intelligence, Barcelona, Spain, Portugal. Proceedings by SciTePress and best papers by Springer CCIS.
20. [PC Member] SBES 2013: Brazilian Symposium on Software Engineering, Brasilia, Brazil. Proceedings by IEEE Computer Society/DL.

21. [PC Member] SBCARS 2013: Brazilian Symposium on Software Components, Architectures and Reuse (SBCARS), Brasilia, Brazil. Proceedings by IEEE Computer Society/DL.

2012

22. [PC Member] ISARCS 2012: International ACM Symposium on Architecting Critical Systems, Bertinoro, Italy. Proceedings by ACM.
23. [PC Member] I-ESA 2012: International Conference on Interoperability for Enterprise Systems and Applications, Valencia, Spain. Proceedings by Springer EI.
24. [International Advisory Board] ICCLSP 2012: International Conference on Communication Languages and Signal Processing in Reference to 4G Technologies, New Delhi, India. Proceedings by MERI/IEEE.
25. [PC Member] ICSEA 2012: International Conference on Software Engineering Advances, Lisbon, Portugal. Proceedings by IEEE Computer Society.
26. [PC Member & SC Member] Joint WICSA/ECSA 2012: Joint IEEE/IFIP Working International Conference on Software Architecture & European Conference on Software Architecture, Helsinki, Finland, September 2012. Proceedings by IEEE Computer Society.
27. [PC Member] AOSE 2012: International Workshop on Agent-Oriented Software Engineering, Valencia, Spain. Proceedings by Springer LNCS.
28. [PC Member] QSIC 2012: International Conference On Quality Software, Xi'an, China. Proceedings by IEEE Computer Society.
29. [PC Member] ICECCS 2012: IEEE International Conference on Engineering of Complex Computer Systems, Paris, France. Proceedings by IEEE Computer Society.
30. [PC Member] ICAART 2012: International Conference on Agents and Artificial Intelligence, Vilamoura, Algarve, Portugal. Proceedings by SciTePress and best papers by Springer CCIS.
31. [PC Member] COMPUTATION 2012, International Conference on Computational Logics, Algebras, Programming, Tools, and Benchmarking, Nice, France. Proceedings by IEEE Computer Society.
32. [PC Member] ADAPTIVE 2012: International Conference on Adaptive and Self-Adaptive Systems and Applications, Nice, France. Proceedings by IEEE Computer Society.
33. [PC Member] ICSOFT 2012: International Conference on Software and Data Technologies, Rome, Italy. Proceedings by SciTePress and best papers by Springer CCIS.
34. [PC Member] WETICE 2012: IEEE International Conference on Collaboration Technologies and Infrastructures, Toulouse, France. Proceedings by IEEE Computer Society.
35. [PC Member] AROSA 2012: IEEE WETICE Conference Track on Adaptive and Reconfigurable Service-oriented and component-based Applications and Architectures, Toulouse, France. Proceedings by IEEE Computer Society.
36. [PC Member] PESOS 2012: International Workshop on Principles of Engineering Service-Oriented Systems at ACM/IEEE International Conference on Software Engineering (ICSE'2012), Zurich, Switzerland. Proceedings by ACM.
37. [PC Member] SBES 2012: Brazilian Symposium on Software Engineering, Natal, Brazil. Proceedings by IEEE Computer Society/DL.

2011

38. [PC Member] ASAS 2011: Assurances for Self-Adaptive Systems Workshop at European Software Engineering Conference/Foundations of Software Engineering (ESEC/FSE 2011), Szeged, Hungary. Proceedings by ACM.

39. [PC Member] ISARCS 2011: International Symposium on Architecting Critical Systems, Boulder, Colorado, USA. Proceedings by ACM.
40. [PC Member] WICSA 2011: IEEE/IFIP Working International Conference on Software Architecture, Boulder, Colorado, USA. Proceedings by IEEE Computer Society.
41. [SC Member & PC Member] ECSA 2011: European Conference on Software Architecture, Essen, Germany. Proceedings by Springer LNCS.
42. [PC Member] SAVA 2011: International Workshop on Software Architecture Variability at European Conference on Software Architecture (ECSA 2011), Essen, Germany. Proceedings by ACM.
43. [PC Member] SBES 2011: Brazilian Symposium on Software Engineering, Sao Paulo, Brazil. Proceedings by IEEE Computer Society/DL.
44. [PC Member] BW-MDD 2011: Brazilian Workshop on Model-Driven Software Development, Sao Paulo, Brazil. Proceedings by CBSOFT.
45. [PC Member] SBCARS 2011: Brazilian Symposium on Software Components, Architectures and Reuse, Sao Paulo, Brazil. Proceedings by IEEE Computer Society/DL.
46. [OC Member as Corporate Donations Chair for Europe 2011] ICSR 2012: International Conference on Software Reuse, Pohang, South Korea. Proceedings by Springer LNCS.
47. [PC Member] ICASE 2011: IEEE/FTRA International Conference on Advanced Software Engineering, Busan, South Korea. Proceedings by IEEE Computer Society.
48. [PC Member] ICISOFT 2011: International Conference on Software and Data Technologies, Seville, Spain. Proceedings by SciTePress and best papers by Springer CCIS.
49. [PC Member] ICSEA 2011: International Conference on Software Engineering Advances, Barcelona, Spain. Proceedings by IEEE Computer Society.
50. [PC Member] COMPUTATION 2011: International Conference on Computational Logics, Algebras, Programming, Tools, and Benchmarking, Rome, Italy. Proceedings by IEEE Computer Society.
51. [PC Member] ADVCOMP 2011: International Conference on Advanced Engineering Computing and Applications in Sciences, Lisbon, Portugal. Proceedings by IEEE Computer Society.
52. [PC Member] NOTERE 2011: International Conference on New Technologies of Distributed Systems/ACM-IEEE NOUVELLES TECHNOLOGIES DE LA REPARTITION, Paris, France. Proceedings by IEEE Computer Society.
53. [PC Member] PESOS 2011: International Workshop on Principles of Engineering Service-Oriented Systems at ACM/IEEE International Conference on Software Engineering (ICSE 2011), Honolulu, Hawaii, USA. Proceedings by ACM.
54. [PC Member] GT-VMT 2011: International Workshop on Graph-Transformations and Visual Modeling Techniques at European Joint Conferences on Theory and Practice of Software (ETAPS 2011), Saarbrücken, Germany. Proceedings by Electronic Communications of the EASST.
55. [PC Member] AOSE 2011: International Workshop on Agent Oriented Software Engineering, Taipei, Taiwan. Proceedings by Springer LNCS.
56. [SC Member & PC Member] CAL 2011: Conférence Francophone sur les Architectures Logicielles, Lille, France. Proceedings by Editions Cépaduès, dans la Revue des Nouvelles Technologies de l'Information (RNTI).
57. [PC Member] SOAR 2011: International Workshop on Self-Organizing Architectures, Washington, DC, USA. Proceedings by ACM.

- 58. [PC Member] AROSA 2011: IEEE International Conference on Collaboration Technologies and Infrastructures: Conference Track on Adaptive and Reconfigurable Service-oriented and component-based Applications and Architectures, Paris, France. Proceedings by IEEE Computer Society.
- 59. [PC Member] DANCE 2011: International Workshop on Distributed Architecture Modeling for Novel Component-based Embedded Systems at Euromicro Conference on Software Engineering and Advanced Applications (SEAA 2011), Oulu, Finland. Proceedings by IEEE Computer Society.

2010

- 60. [SC Chair & PC Member] ECSA 2010: European Conference on Software Architecture, Copenhagen, Denmark. Proceedings by Springer LNCS.
- 61. [PC Member] AAMAS 2010: International Conference on Autonomous Agents and Multiagent Systems, Toronto, Canada. Proceedings by IFAAMAS.
- 62. [PC Member] ISARCS 2010: International Symposium on Architecting Critical Systems, Prague, Czech Republic. Proceedings by Springer LNCS.
- 63. [PC Member] AICCSA 2010: ACS/IEEE International Conference on Computer Systems and Applications, Hammamet, Tunisia. Proceedings by IEEE Computer Society.
- 64. [PC Member] ICSEA 2010: International Conference on Software Engineering Advances, Nice, France. Proceedings by IEEE Computer Society.
- 65. [PC Member] ADVCOMP 2010: International Conference on Advanced Engineering Computing and Applications in Sciences, Florence, Italy. Proceedings by IEEE Computer Society.
- 66. [PC Member] ICSOFT 2010: International Conference on Software and Data Technologies, Athens, Greece. Proceedings by ICSOFT and best papers by Springer CCIS.
- 67. [SC Member & PC Member] CAL 2010: Conférence Francophone sur les Architectures Logicielles, Pau, France. Proceedings by Editions Cépaduès, dans la Revue des Nouvelles Technologies de l'Information (RNTI).
- 68. [PC Member] NOTERE 2010: International Conference on New Technologies of Distributed Systems/ACM-IEEE NOUVELLES TECHNOLOGIES de la REPARTITION, Tozeur, Tunisia, Proceedings by IEEE Computer Society.
- 69. [PC Member] COMPUTATION 2010: International Conference on Computational Logics, Algebras, Programming, Tools, and Benchmarking, Lisbon, Portugal. Proceedings by IEEE Computer Society.
- 70. [PC Member] AOSE 2010: International Workshop on Agent Oriented Software Engineering, Toronto, Canada. Proceedings by Springer LNCS.
- 71. [PC Member] SOAR 2010: International Workshop on Self-Organizing Architectures, Washington, DC, USA. Proceedings by ACM.
- 72. [PC Member] Models@run.time 2010: International Workshop Models at Runtime at ACM/IEEE International Conference on Model Driven Engineering Languages and Systems (MODELS 2010), Oslo, Norway. Proceedings by CEUR.
- 73. [PC Member] SBCARS 2010: Brazilian Symposium on Software Components, Architectures, and Reuse, Salvador, Bahia, Brazil. Proceedings by IEEE Computer Society/DL.
- 74. [PC Member] SBES 2010: Brazilian Symposium on Software Engineering, Salvador, Bahia, Brazil. Proceedings by IEEE Computer Society/DL.

2009

75. [PC Chair] WICSA 2009: IEEE/IFIP Working International Conference on Software Architecture, Cambridge, United Kingdom. Proceedings by IEEE Computer Society.
76. [PC Member] ESEC/FSE 2009: ACM International Symposium on the Foundations of Software Engineering & European Software Engineering Conference, Amsterdam, The Netherlands. Proceedings by ACM.
77. [PC Co-chair] ICSEA 2009: International Conference on Software Engineering Advances, Porto, Portugal. Proceedings by IEEE Computer Society.
78. [PC Member] ADVCOMP 2009: International Conference on Advanced Engineering Computing and Applications in Sciences, Sliema, Malta. Proceedings by IEEE Computer Society.
79. [PC Member] TIC-STH 2009: International Conference on Science and Technology for Humanity: Symposium on Human and Socio-Cultural Service Oriented Computing, Toronto, Canada. Proceedings by IEEE Computer Society.
80. [PC Member] ICSP 2009: International Conference on Software Process, Vancouver, Canada. Proceedings by Springer LNCS.
81. [PC Member] ICSoft 2009: International Conference on Software and Data Technologies, Sofia, Bulgaria. Proceedings by ICSoft and best papers by Springer CCIS.
82. [PC Member] CAL 2009: Conférence Francophone sur les Architectures Logicielles, Nancy, France. Proceedings by Editions Cepaduès, dans la Revue des Nouvelles Technologies de l'Information (RNTI).
83. [PC Member] SOAR 2009: International Workshop on Self-Organizing Architectures, Cambridge, United Kingdom. Proceedings by Springer LNCS.
84. [PC Member] Web2Touch 2009: International Workshop on Web2Touch – living experience through web at IEEE/WIC/ACM International Conference on Web Intelligence, Milan, Italia. Proceedings by IEEE Computer Society.
85. [PC Member] SBCARS 2009: Brazilian Symposium on Software Components, Architectures, and Reuse, Natal, Brazil. Proceedings by SBC.
86. [PC Member] ERTSI 2009: Atelier sur l'Evolution, la Réutilisation et la Traçabilité des Systèmes d'Information (organisé dans le cadre du congress INFORSID 2009), Toulouse, France. Proceedings by Editions Hermès Sciences/Lavoisier.
87. [PC Member] Models@runtime 2009: International Workshop on Models at Runtime, Denver, Colorado, USA. Proceedings by Springer LNCS.

2008

88. [SC Chair & PC Member] ECSA 2008: European Conference on Software Architecture, Paphos, Cyprus. Proceedings by Springer LNCS.
89. [PC Member] ICSE 2008: ACM/IEEE International Conference on Software Engineering, Leipzig, Germany. Proceedings by ACM & IEEE Computer Society.
90. [PC Member] SBCARS 2008: Brazilian Symposium on Software Components, Architectures, and Reuse, Porto Alegre, Brazil. Proceedings by SBC.
91. [PC Member] ICSoft 2008: International Conference on Software and Data Technologies, Porto, Portugal. Proceedings by ICSoft and best papers by Springer CCIS.
92. [SC Member & PC Member] CAL 2008: Conférence Francophone sur les Architectures Logicielles, Montréal, Canada. Proceedings by Editions Cepaduès, dans la Revue des Nouvelles Technologies de l'Information (RNTI).

- 93. [PC Member] ICSEA 2008: International Conference on Software Engineering Advances, Sliema, Malta. Proceedings by IEEE Computer Society.
- 94. [PC Member] ICSP 2008: International Conference on Software Process, Leipzig, Germany. Proceedings by Springer LNCS.
- 95. [PC Member] ADVCOMP 2008: International Conference on Advanced Engineering Computing and Applications in Sciences, Valencia, Spain. Proceedings by IEEE Computer Society
- 96. [PC Member] MoDSE 2008: International Workshop on Model-Driven Software Evolution at the European Conference on Software Maintenance and Reengineering (CSMR 2008), Athens, Greece. Proceedings by IEEE Computer Society
- 97. [PC Member] Web2Touch 2008: International Workshop on Living Experience through Web at the International Conference on Computational Science and Engineering (ICCSE 2008), São Paulo, Brazil. Proceedings by IEEE Computer Society.
- 98. [PC Member] IWAISE 2008: International Workshop on Advanced Information Systems for Enterprises, Constantine, Algeria. Proceedings by IEEE Computer Society.
- 99. [PC Member] ERTSI 2008 : Atelier sur l'Evolution, la Réutilisation et la Traçabilité des Systèmes d'Information (organisé dans le cadre du congrès INFORSID 2008), Fontainebleau, France. Proceedings by Editions Hermès Sciences/Lavoisier.

2007

- 100. [PC Chair & SC Chair] ECSA 2007: European Conference on Software Architecture (ECSA'07), Madrid, Spain. Proceedings by Springer LNCS.
- 101. [SC member & PC Member] CAL 2007: Conférence Francophone sur les Architectures Logicielles, Poitiers, France. Proceedings by Editions Hermès Sciences/Lavoisier.
- 102. [PC Member] ICSEA 2007: International Conference on Software Engineering Advances, Cap Esterel, France. Proceedings by IEEE Computer Society.
- 103. [PC Member] ADVCOMP 2007: International Conference on Advanced Engineering Computing and Applications in Sciences. Papeete, French Polynesia, France. Proceedings by IEEE Computer Society.
- 104. [PC Member] ICSP 2007: International Conference on Software Process, Minneapolis, USA. Proceedings by Springer LNCS.
- 105. [PC Member] MoDSE 2007: International Workshop on Model-Driven Software Evolution at the European Conference on Software Maintenance and Reengineering (CSMR 2007), Amsterdam, The Netherlands. Proceedings by IEEE Computer Society.
- 106. [PC Member] I-ESA 2007: International Conference on Interoperability for Enterprise Software and Applications, Funchal, Madeira, Portugal. Proceedings by Springer LNCS.
- 107. [PC Member] WICSA 2007: IEEE/IFIP Working International Conference on Software Architecture, Mumbai, India. Proceedings by IEEE Computer Society.
- 108. [PC Member] SASA 2007: IEEE International Workshop Towards Stable and Adaptable Software Architectures, Las Vegas, Nevada, USA. Proceedings by IEEE Computer Society.
- 109. [PC Member] PLAC 2007: International Workshop on Patterns Languages: Addressing Challenges (in conjunction with OOPSLA 2007), Montréal, Canada. Proceedings by ACM.
- 110. [PC Member] SSW 2007: IEEE International Workshop on Software Stability at Work (SSW'07), Las Vegas, Nevada, USA. Proceedings by IEEE Computer Society.

111. [PC Member] OCM 2007: Atelier sur les Objets, Composants et Modèles dans l'ingénierie des Systèmes d'Information (organisé dans le cadre du congrès INFORSID 2007), Perros-Guirec, France. Proceedings by Editions Hermès Sciences/Lavoisier.

2006

112. [PC Member] ICSEA 2006: International Conference on Software Engineering Advances, Tahiti, French Polynesia, France. Proceedings by IEEE Computer Society
113. [PC Chair & SC member] CAL 2006: Conférence Francophone sur les Architectures Logicielles, Nantes, France. Proceedings by Editions Hermès Sciences/Lavoisier.
114. [PC Chair & SC Chair] EWSA 2006: European Workshop on Software Architecture, Nantes, France. Proceedings by Springer LNCS.
115. [PC Member] I-ESA 2006: International Conference on Interoperability for Enterprise Software and Applications, Bordeaux, France. Proceedings by Springer LNCS.
116. [PC Member] SPW/ProSim 2006: Joint International Software Process Workshop and International Workshop on Software Process Simulation and Modeling at the ACM/IEEE International Conference on Software Engineering (ICSE 2006), Shanghai, China. Proceedings by Springer LNCS.
117. [PC Member] ENEI 2006: International Workshop on Enterprise and Networked Enterprises Interoperability at International Conference on Business Process Modeling (BPM 2006), Vienne, Austria. Proceedings by Springer LNCS.

2005

118. [PC Member] WICSA 2005: IEEE/IFIP Working International Conference on Software Architecture, Pittsburgh, Pennsylvania, USA. Proceedings by IEEE Computer Society.
119. [PC Member] SPW 2005: International Software Process Workshop, Beijing, China. Proceedings by Springer LNCS.
120. [PC Member] ENEI 2005: International Workshop on Enterprise and Networked Enterprises Interoperability at the International Conference on Business Process Modeling (BPM 2005), Nancy, France. Proceedings by Springer LNCS.
121. [PC Chair & SC Chair] EWSA 2005: European Workshop on Software Architecture, Pisa, Italia. Proceedings by Springer LNCS.

2004

122. [PC Chair & SC Chair] EWSA 2004: European Workshop on Software Architecture, co-located with the ACM/IEEE International Conference on Software Engineering (ICSE 2004). St Andrews, Scotland. Proceedings by Springer LNCS.
123. [PC Member] DÉCOR 2004: Conférence Francophone sur le Déploiement et la Re-Configuration de Logiciels, Grenoble, France. Proceedings by INRIA.

2003

124. [PC Chair] EWSPT 2003: European Workshop (and Conference Track) on Software Process Technology, co-located with the ACM International Symposium on the Foundations of Software Engineering and European Software Engineering Conference (ESEC/FSE 2003), Helsinki, Finland. Proceedings by Springer LNCS.
125. [PC Member] ESEC/FSE 2001: ACM International Symposium on the Foundations of Software Engineering and European Software Engineering Conference, Vienna, Austria. Proceedings by ACM.

Referee for International Journals

Prof. Dr. Flavio Oquendo has acted as referee for ca. 20 International Journals, including:

1. 1989-....: Information and Software Technology (Elsevier)
2. 1991-....: IEEE Transactions on Software Engineering
3. 1998-....: IEEE Internet Computing Magazine
4. 1998-....: Journal of the Brazilian Computer Society (now with Springer)
5. 1999-....: Information Processing Letters (Elsevier)
6. 2000-....: ACM Transactions on Software Engineering and Methodology
7. 2004-....: Journal of Systems Architecture (Elsevier)
8. 2004-.... : IEEE Software Magazine
9. 2005-....: Automated Software Engineering (Springer)
10. 2007-....: International Journal of Cooperative Information Systems
11. 2007-....: European Journal of Information Systems (Palgrave)
12. 2007-....: The Oxford Computer Journal
13. 2008-....: IEE/IET Software
14. 2008-....: Journal of Computer Science and Technology (Springer)
15. 2008-....: RSTI – The Object/L’Objet, (Hermès Sciences/Lavoisier)
16. 2009-....: ACM Transactions on the Web
17. 2009-....: The Journal of Universal Computer Science
18. 2009-....: International Journal on Advances in Software (member of the Editorial Board)
19. 2009-....: International Journal on Advances in Intelligent Systems (member of the Editorial Board)
20. 2010-....: Journal of Systems and Software (Elsevier)
21. 2011-....: Science of Computer Programming (Elsevier)

Related to Software Architecture, he has served as Guest Editor in several Special Issues of International Journals, including:

- International Journal of Cooperative Information Systems (2007)
- Journal of Universal Computer Science (2009, 2011, 2013, and to appear in 2014)
- Journal of Systems and Software (2011)
- Software and System Modeling Journal (2013)

Expert for European Research Programs & Research Agencies

Prof. Dr. Flavio Oquendo has been an expert acting as reviewer and evaluator of R&D Projects for several R&D Funding Agencies:

- European Commission (Framework Programs)
- French Research Agency (ANR)
- French R&D Technology Transfer Agency (ANVAR-OSEO)
- Netherlands Organization for Scientific Research (NWO)
- Belgian Research Foundation Flanders (FWO)
- British Research Agency (EPSRC)
- INRIA International Program

In particular, he has actively acted as reviewer and evaluator for a dozen European projects of the European Commission's Framework Programs in ICT and ICT-innovation, including:

- Research Collaborative Projects
- Networks of Excellence
- Coordination and Support Actions
- International Cooperation Actions
- Open Innovation

And is one of the 6 experts composing the Evaluation Committee for Large-Scale Research Projects of the European Commission's Framework Programs in Trustworthy ICT.

Publications

Prof. Dr. Flavio Oquendo has published over 150 refereed journal and conference papers in Computer Science and Software Engineering. He is listed among the most prolific authors in the DBLP Computer Science Bibliography.

He is editor/coeditor of:

- 11 Books, of which 10 International and 1 National,
- 7 Special Issues in International Journals.

He is author/coauthor of 183 publications, of which:

- 21 Articles in International Journals,
- 5 Articles in National Journals,
- 135 Papers in International Conference Proceedings,
- 11 Papers in National Conference Proceedings,
- 11 Book Chapters, of which 7 Internationals and 4 Nationals.

Moreover, he has authored/coauthored:

- 34 Deliverables of European Research Projects,

and has authored:

- 9 International Standards, of which 3 ISO.

Research Interests

Prof. Dr. Flavio Oquendo's research interests are centered on languages, processes and tools to support the efficient design and engineering of software-intensive systems and systems-of-systems. His current research interests include formal description and development techniques for software architecture and process modeling, analysis, transformation/refinement, and evolution and their applications in industrial settings, especially based on the service-oriented computing paradigm. Fields of application include the engineering of all kinds of software-intensive systems and systems-of-systems operating in predictable or unpredictable environments.

<p><i>Scientific Production</i> (Google Scholar at May 31, 2014)</p> <p>h-index = 18 i10-index = 41</p> <p>number of papers: 183 number of citations = 1331</p> <p>DBLP Computer Science Bibliography: listed among the most prolific authors</p>	Publications	International	National
	11 Edited Books	10 (of which 1 ACM, 2 IEEE and 5 Springer)	1 (by Hermès)
	7 Edited Special Issues in Journals	7 (of which 1 JSS, 1 IJCIS, 1 SoSyM, 4 JUCS)	
	26 Authored Articles in Journals	21 (of which JSS, ASE, IJMIC, IJCIS, JCSU, MAGS, IEE Software, ACM ACR, ACM SEN)	5 (by GL)
	146 Authored Papers in Proceedings	135 (of which 94 conferences et 41 workshops) 35 in Proceedings IEEE or ACM 23 in Proceedings LNCS 88 in Proceedings with other publishers, all with ISBN	11 (by Hermès, INRIA ...)
	11 Authored Book Chapters	7 (of which 2 Wiley, 1 IEEE, 1 Springer, 2 Kluwer, 1 Horwood)	4 (3 by Hermès, 1 Vuibert)
	9 Authored Standards	9 (of which 3 ISO)	
	34 Authored Deliverables of European Projects	34 (from FP1 to FP7)	

Edited Special Issues in International Journals (7)

- [1] Fantinato M., Kulesza U., Oquendo F., Special Issue on Software Components, Architectures and Reuse. International Journal of Universal Computer Science, To Appear in June 2014.
- [2] Babar M.A., Gorton I., Oquendo F., Special Issue on Software Architecture Modeling, Software and System Modeling, April 2013.
- [3] Almeida E., Oquendo F., Special Issue on Software Components, Architectures and Reuse, Journal of Universal Computer Science, April 2013.
- [4] Oquendo F., Poort E, Stafford J. (Eds.), Special Issue on Software Architecture, Journal of Systems and Software, September 2011.
- [5] Pires, P.F., Oquendo F., Bacelo A.P. (Eds.), Special Issue on Software Components, Architectures and Reuse, Journal of Universal Computer Science, March 2011.
- [6] Werner C., Oquendo F. (Eds.), Special Issue on Software Components, Architectures and Reuse, Journal of Universal Computer Science, September 2009.
- [7] Marcos E., Cuesta C.E., Oquendo F. (Eds.), Special Issue on Software Architecture, International Journal of Cooperative Information Systems, Vol. 16, No. 3/4, September/December 2007.

Edited International Proceedings Books (11)

- [8] Oquendo F., Avgeriou P., Cuesta C. E., Maldonado J. C., Nakagawa E. Y., Drira K., Zisman A. (Eds.), Software Engineering for Systems-of-Systems (Proceedings, Montpellier, France), July

2013. ACM.

- [9] Oquendo F., Poort E., Stafford J. (Eds.), *Software Architecture (Proceedings, Cambridge, UK)*, September 2009. IEEE Computer Society.
- [10] Boness K., Hall J.G., Oquendo F., Wiemann M. (Eds.), *Software Engineering Advances (Proceedings, Porto, Portugal)*, September 2009. IEEE Computer Society.
- [11] Oquendo F. (Ed.), *Software Architecture (Proceedings, Madrid, Spain)*, September 2007. Springer LNCS No. 4758.
- [12] Gruhn V., Oquendo F. (Eds.), *Software Architecture (Proceedings, Nantes, France)*, September 2006. Springer LNCS No. 4344.
- [13] Oussalah M., Oquendo F. (Eds.), *Software Architecture/Architectures Logicielles (Proceedings, Nantes, France)*, September 2006. Editions Hermès Sciences/Lavoisier.
- [14] Morrison M., Oquendo F. (Eds.), *Software Architecture (Proceedings, Pisa, Italy)*, June 2005. Springer LNCS No. 3047.
- [15] Oquendo F., Warboys B., Morrison R. (Eds.), *Software Architecture (Proceedings, St Andrews, UK)*, Springer May 2004. LNCS No. 3527.
- [16] Oquendo F. (Ed.), *Software Process Technology (Proceedings, Helsinki, Finland)*, September 2003. Springer LNCS No. 2786.
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