

# Curriculum Vitæ

Marie-Christine Fauvet<sup>1</sup>, Professor

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## 1 Academic Leadership

Appointed positions:

- Program Director of the 3rd year of the Bachelor in Computer Science, at UGA from September 2014 to present.
- Program Co-Director of the Master by Research in Computer Science (2nd year) at UJF, from September 2006 to August 2012 and from September 2013.
- "Chargé de mission" for Information Systems for Education at UJF, from January 2011 to August 2012 and from September 2013.
- Director of Computer Science Programs at the School of Computer Science and Applied Mathematics, UJF from September 2003 to July 2009.
- Program Director of the "DEA Systèmes d'Information" (European Master by Research in Information Systems), from January 2003 to August 2006.
- Program Director of "DESS Compétence Complémentaire en Informatique", UJF (master by course-work in Computer Science), from 9/1997 to 8/2000 and from 9/2002 to 1/2003.
- Member of the Scientific Committee of the IMAG Research Institute ("Informatique et Mathématiques Appliquées de Grenoble"). Until January 2007, the IMAG Institute federated 8 research laboratories in Computer Science and Applied Mathematics (700 persons including 250 PhD students).

Elected member:

- Administrative Board of the LIG Laboratory. Elected member since 2016.
- Administrative Board of the School of Computer Science and Applied Mathematics, University of Grenoble, from 1991 to 1994 and from 1997 to 1999, and since September 2003. Elected member from 2007 to 2014.
- Recruitment Panel in Computer Science of the University of Grenoble, from 1992 to 1997, and from 2004 to 2008.
- Research Committee of the University of Grenoble from January 1999 to September 2003.

Appointed member in recruitment panels of academics in computer science:

- Grenoble Institute of Technology (2011)

<sup>1</sup>I was on a long term sick leave from September 2012 to May 2013 (included). Since June 2016, I have got the status of Disable Worker.

- Université de Lorraine, Nancy (2011, 2012)
- Université de Rennes 1 (2011)

## 2 Teaching

I was or have been in charge of subjects in the following areas. I taught these subjects at different levels of education, for either computer science students or students from other scientific domains, and in very diverse formats.

- Relational model (relational algebra and relational design).
- Relational Database Management Systems (SQL, PL/SQL, triggers, transaction management, query optimisation).
- Conceptual design of data: UML notation, UML to relational matching.
- Design and implementation of multi-tier applications involving persistent data.
- Service-based Information Systems.

I have also been involved in the following teaching:

- Algorithms and programming (undergraduate level)
- Programming in Java (postgraduate level)

## 3 Research topics

My research currently focuses on:

- Business Process Repository: Apromore initiative
- Service Oriented Architectures
- Infrastructures for Web-based applications
- Web Services: composition, orchestration
- Management of Web Accessible Resources
- Context aware web applications for mobile users

In the past, I did research on:

- Relational and Object-Oriented DBMS
- Query Languages
- Temporal Databases
- Schema Evolution
- Versioning

## 4 Research leaderships

**Conference CPs and COs** I co-chaired the following forums:

- 11th International conference on Business Process Management, program committee co-chair of the demo track (BPM 2013 in Beijing, China).
- Summer School on Web Intelligence (with Eric Gaussier, Prof. University of Grenoble). From the 7th to the 11th of July 2008 in Autrans, France (24 hours of lectures, 61 participants).
- Workshop on Web Services and Information Systems, in conjunction with the French conference INFORSID, May 2006, Hammamet, Tunisia (with Farouk Toumani, Prof. University of Clermont-Ferrand and Olivier Perrin University of Nancy).

I acted as a program committee member regularly for conferences and journals. The most recent are:

- International Conference on Knowledge Management and Information Sharing, 2016.
- International Conference on Information Systems and Economic Intelligence from 2015.
- International Conference on Service Oriented Computing (ICSOC) in from 2014
- International Conference on Web Information Systems Engineering (WISE) from 2014
- International Conference on e-Business (ICE-B) in 2006, and from 2014)
- International Conference on Business Process Management (BPM), research track in 2005, demo track, from 2013
- French Conference on Information Systems (INFORSID), 1995, 2003, 2008, 2012, 2014, and 2015.
- IEEE/WIC/ACM International Conference on Web Intelligence in 2013 and 2014.
- YAWL Symposium 2013
- International Conference on Web Intelligence (WI'13), co-located with WI'2013 (Atlanta, Georgia, USA on November 2013).
- 2nd International Conference on Model & Data Engineering (MEDI'2012)
- KiBP – Knowledge-intensive Business Processes (workshop co-located with KR 2012)
- Conférence Francophone sur les Architectures Logicielles (CAL 2012, CAL 2013 and CAL 2015).
- The International Conference on Digital Information and Communication Technology and its Applications (DICTAP2011),
- IEEE Transaction on Service Computing, special issue on Transactional Services, 2009,
- IFIP Conference on e-Business, e-Services, and e-Society, in 2009 and 2010
- Special Issue on Service Oriented Modeling, International Journal of Cooperative Information Systems (IJCIS), 2004.
- Editorial board of the Hermes Journal on Geog-

raphy and Computer Science (Géomatique) from January 2000 to December 2003.

**Participations to HDR and PhD panels** I chaired 10 HDR and PhD panels. I acted as reviewer for 11 HDRs and PhDs in France, 2 in Australia, 1 in Tunisia and 1 in Denmark.

**Supervision of doctoral students in computer science.** I supervised and co-supervised 11 PhD Theses. Among them, 10 have been submitted.

## 5 Research Grants

- Guimuteic.
- Erasmus Mundus.
- Industrial grant *Towards a Postal System: preliminary study*. Collaboration UJF/LIG and ClearBUS entreprise (2009). I co-supervised this project with E. Gaussier.
- Competitive Grant from Rhône-Alpes French Region *Web Intelligence*. This project works as a network of excellence which involves research teams from the main universities located in Rhône Alpes. I am a member of the steering committee. 2007-2010.
- Competitive Grant from IMAG Federation: *PLAGES: towards a framework for composing and coordinating Web oriented applications* involving 2 people from the LSR-IMAG and 2 people from the CLIPS-IMAG. 2004-2005.
- International Collaborative Research Grant *User-driven Composition of Web Services* involving the University of NSW (B. Benatallah and F. Rabhi), Queensland University of Technology (M. Dumas), and CLIPS-IMAG. 2003-2004. This project was funded by an ARC Linkage International Award and CNRS International Collaboration Grants.

## 6 Publications

I have published more than 80 refereed papers, most of them in volumes by established technical publishing houses: Springer Verlag, ACM Press, IEEE CS Press, Elsevier, Kluwer, etc. The table below summarises my publications (complete list is accessible at <http://mrin.imag.fr/marie-christine.fauvet/Publications/>).

Type of publication	
Book	1
Book chapters	6
Refereed papers in journals	12
Refereed papers in conferences	50
Tutorials, thesis and research reports	15