

Abridged Curriculum Vitae

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Current position

Full Professor at the ENS Cachan (*École normale supérieure de Cachan*). This is a permanent academic position.

Education

1976. Baccalauréat in Mathematics.

1978–82. Student in Mathematics at the *École Normale Supérieure de Paris* (ENS Ulm), one of the leading “Grande Ecole” in France. Graduation (*Agrégation*) in Pure Mathematics. Master in Fundamental Computer Science, Univ. Paris 6.

1982. Doctoral thesis. Title: *An abstract model for program testing: application to automatic test sets generation*. Supervisors: Marie-Claude Gaudel and Maurice Nivat.

1982–83. Post-Doc at DIAMI, CS Dept., Århus Univ., Denmark

1987. State thesis (Habilitation). Title: *Modularity and symmetry in distributed systems: application to the CSP language*. Supervisors: Krzysztof Apt (now at CWI, Amsterdam, NL) and Maurice Nivat.

Experience

- 1983–1990.** Full-time researcher in Computer Science at the CNRS. 1983–1986: Member of the LITP research laboratory, University Paris 7. 1987–1990: Member of the LIENS research laboratory, ENS Ulm, Paris.
- 1988–1989.** One-year sabbatical.
- 1990–2001.** Permanent Professorship at the ENS Lyon (*École Normale Supérieure de Lyon*) in Computer Science. Member of the LIP research lab.
- 1991–1994.** Chairman of the Mathematics and Computer Science Teaching Dept. at ENS Lyon.
- 1994–2001.** Chairman of the Dept. of Post-Graduate and Doctoral Studies in Computer Science (Master + PhD) for the area of Lyon (DEA d'informatique de Lyon).
- 2001.** Professorship at ENS Cachan (*École Normale Supérieure de Cachan*), Brittany Extension in Rennes/Bruz.
- 2001–today** Chairman of the Informatics and Telecommunication Teaching Department at ENS Cachan/Brittany. Member of the IRISA research laboratory in Rennes.
- 2009–today** Leader of the *KerData* research team at the IRISA Research Lab and the INRIA Rennes - Bretagne Atlantique Research Center, in partnership with ENS Cachan, Brittany Campus.

Honors

- 1992–.** Distinguished Researcher and Adviser Reward, renewed every fourth year since until now (PEDR, *Prime de recherche et d'encadrement doctoral*).
- 1996.** First-class Professorship.
- 2007.** Higher-class Professorship (*Classe exceptionnelle*)

Recent Professional Service

- 2001–2006.** Chairman for the French National Coordinated Program (CNRS GDR) on Parallelism, Networks and Distributed Systems (more than 100 academic research groups all over France, more than 1000 registered researchers).
- Organization of conferences.** Chairman of RenPar '94. Vice-Chairman of ConPar '92 and EuroPar '96 in Lyon. Vice co-chairman of IPDPS 2003 in Nice. Program Chair of HiPC 2004 in Bangalore. Vice-Chairman of Euro-Par 2007 in Rennes.
- Steering Committees.** Vice-Chairman of the Euro-Par Steering Committee since 1997. Member of the IPDPS Steering Committee, 2003–2005.
- Agrégation of Maths.** Vice-Chairman of the national selection jury since 2006, in charge of the Informatics minor.

European Project. Representative of the INRIA Partner in the GridCoord European Specific Support Action (SSA), 2004–2006, in connection with the CoreGRID Network of Excellence.

Theses supervised

A dozen of defended, 3-year PhD theses since 1987, plus 4 PhD theses currently in progress. All the recent theses have been co-supervised with Gabriel Antoniu.

Mathieu Jan, 2003–2006, 50 %. Thesis defended in November 2006. Title: *JuxMem: a transparent data-sharing service for computational grids based on a P2P approach.*

Sébastien Monnet, 2003–2006, 50 %. Thesis defended in November 2006. Title: *Data management in computational grids: enabling fault tolerance and data consistency control.*

Loïc Cudennec, 2005–2009, 30%, Thesis defended in January 2009. Subject: *CoRDAGE: Re-deployment and co-deployment of large-scale, distributed applications.*

Bogdan Nicolae, 2007–, 30%, On-going thesis, to be defended in November 2010. Subject: *BlobSeer: How to Enable Efficient Versioning for Large Object Storage under Heavy Access Concurrency.*

Diana Moise, 2008–, 30% On-going thesis, to be defended in Autumn 2011. Subject: *Grid storage for data-intensive applications handling massive data distributed at a large scale.*

Alexandra Carpen-Amarie, 2008–, 30% On-going thesis, to be defended in Autumn 2011. Subject: *Scalable data management for cloud services.*

Viet-Trung Tran, 2009–, 30% On-going thesis, to be defended in Autumn 2012. Subject: *Towards an object-based file system for grid and cloud storage.*