

Florentin Ipată : Curriculum Vitae

Personal Information

- Present academic position: Professor in the Department of Computer Science, Faculty of Mathematics and Computer Science, University of Bucharest, Romania.
- Home page: <http://www.ifsoft.ro/~florentin.ipate/>
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Education

- PhD in Computer Science, University of Sheffield, UK (1995); PhD Thesis, “Theory of X-machines with Applications in Specification and Testing” (supervisor Professor Mike Holcombe), nominated for the Distinguished Dissertation Award in computer science in UK.
- MSc in Software Systems Technology (with Distinction) University of Sheffield, UK (1992)
- BSc in Computer Science and Automatic Control, “Politehnica” University of Bucharest, Romania (1991)

Professional Experience

- 2002 - present: Professor of Computer Science, University of Pitesti (2002-2012) and University of Bucharest (since 2012)
- 1996 - present: Managing Director of IFSOFT, Bucharest, Romania
- 1998 - 2002: Associate Professor of Computer Science, Romanian-American University (1998-2001) and University of Pitesti (2001-2002)
- 1996 - 1998: Lecturer in Computer Science, Romanian-American University
- 1995 - 1996: Postdoctoral Research Grant holder, Fretwell-Downing Data Systems/ University of Sheffield, UK

Main Research Interests

- Formal modelling and validation for Software engineering
- Natural computing (Membrane computing) and applications
- Model-based testing (from X-machines and state-based formalisms)
- Search-based software testing

Publications and citations

- 98 publications in DBLP, 73 in ISI Web of Knowledge, 99 in Scopus;
- a research monograph with Springer;
- 3 books (in Romanian).
- Citations: 433 – ISI Web of Science, 1109 – Scopus, 2459 – Google Scholar;
- “Correct systems: building a business process solution” – 282 citations; “An integration testing method that is proved to find all faults” - 160 citations (Google Scholar).
- Hirsh index: 12 – ISI Web of Science, 17 – Scopus, 25 – Google Scholar.

Professional Awards

- Honorary Invited Professor of the Xihua University, Chengdu, China, 2010.
- In Hoc Signo Vincas Prize for research and publications awarded by CNCSIS (National Research Council for Higher Education), 2002.
- COPYRO Publishing Prize for Computer Science, 2000.
- PhD Research Scholarship awarded by the University of Sheffield, 1992-1995.

Professional activities

- Editor of Journal of Membrane Computing.
- Steering Committee member of Conference on Membrane Computing and in the Bulletin Committee of the International Membrane Computing Society.
- PC member of several editions of ICST (IEEE International Conference on Software Testing, Verification and Validation), SEFM (International Conference on Software Engineering and Formal Methods), CMC (Conference on Membrane Computing), BIC-TA (International Conference on Bio-inspired Computing: Theories and Applications), A-MOST (Advances in Model Based Testing) and VALID (International Conference on Advances in System Testing and Validation Lifecycle).
- General chair of ICTAC (International Colloquium on Theoretical Aspects of Computing) 2014.
- Member of the CNATDCU Commission for Computer Science (2011-2012, 2016-2020).
- Member of the CNCS Commission for Computer Science (2012-2013, 2020-2022).

Main Research Projects & Grants

- MACPS: PCE, CNCS-UEFISCDI, 2017-2019 (Principal Investigator). <http://fmi.unibuc.ro/macps/>
- MuVet: PCE, CNCS-UEFISCDI, 2012-2016 (Principal Investigator). <http://muvet.ifsoft.ro/>
- Deploy: ICT EU FP7, 2010-2012 (Local Principal Investigator). <http://www.deploy-project.eu/>
- EvoMT: PCE, CNCS-UEFISCDI, 2009-2011 (Principal Investigator). <http://fmi.upit.ro/evomt/>
- GAIA: ACTS EU FP4, 1996-1999 (Local Principal Investigator).
- EMANICS: EU FP6, 2005-2007 (Co-Investigator).
- TARD: Excellence in Research, Ministry of Education, 2005-2008 (Co-Investigator).

Industrial Experience

- Direct Management / High-Level Management of over 100 software projects (over 1,500 man months), including several large-scale projects (as managing director of IFSoft).