

Florentin Ipate : Curriculum Vitae

Personal Information

- Present academic position: Professor in the Department of Computer Science, Faculty of Mathematics and Computer Science, University of Bucharest, Romania.
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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

- Model-based testing (X-machines, (extended) finite state machines)
- Formal modelling and validation for software engineering
- Natural computing (membrane computing)
- Search based software testing

Publications and citations

- 94 publications in DBLP, 73 in ISI Web of Knowledge, 97 in Scopus;
- a research monograph with Springer;
- 3 books (in Romanian).
- Citations: 433 – ISI Web of Science, 851 – Scopus, 2060 – Google Scholar;
- “Correct systems: building a business process solution” – 262 citations; “An integration testing method that is proved to find all faults” - 146 citations (Google Scholar).
- Hirsh index: 11 – ISI Web of Science, 16 – Scopus, 24 – Google Scholar.

Professional Awards

- Honorary Invited Professor of the Xihua University, Chengdu, China, 2010.
- In Hoc Signo Vincens 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

- Steering Committee member for CMC/ACMC.
- General chair ICTAC 2014.
- PC member for ACMC2019, BIC-TA 2019, SSBSE 2019, CMC19, ACMC2018, FROM 2018, BIC-TA 2018, CMC 2018, FROM 2018, CMC 2017, ACMC 2017, BIC-TA 2017, EDMA 2017, CMC 2016, ICCCC 2016, BCI 2015, BIC-TA 2015, CMC 2015, DSC 2015, ICST 2015, IEEE FMI 2014, DSC 2014, ICTAC 2014, SEFM 2014, ICST 2014, CMC 2014, ACMC 2014, SEFM 2013, CMC 2013, ACMC 2013, SEFM 2012, CMC 2012, ACMC 2012, VALID2012, ICST 2011, QSIC 2011, VALID 2011, DCS 2011, VALID 2010, DCS 2010, VALID 2009, BCI 09, ICST 2009, SEEFM09, WMC10, ICST 2008, SEEFM07, SEEFM05, SEEFM03.
- Editor of Journal of Membrane Computing.
- Member of the CNATDCU Commission for Computer Science (2011-2012, 2016-present).
- Member of the CNCS Commission for Computer Science (2012-2013).

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).