

CURRICULUM VITAE

Ioan Salomie, PhD
Professor of Computer Science
Computer Science Department
Technical University of Cluj-Napoca, Romania,



1. STUDIES AND DEGREES

- 1973 – 1978 Student *Facultatea de Automatica*, Specialization *Computer Science and Engineering*, *Institutul Politehnic Bucuresti* (5 years study)
- 1978 Degree of Diplomat Engineer in Computer Science and Engineering
- 1989 – 1994 PhD Studies at *Technical University of Cluj-Napoca*
- 1994 PhD in Electrical Engineering, Thesis Title *Contributions to Object Oriented Data Modeling for CAD in Electrical Engineering*

2. PROFESIONAL HISTORY

- 1978 – 1981 Institute for Research and Design in Automation (IPA) Cluj-Napoca Branch, Junior Researcher
- 1981 – 1983 IEIA Cluj-Napoca, Head of Micro Computer (Telerom-P) Production Division
- 1983 – 1990 Assistant Professor of Computer Science, Technical University of Cluj-Napoca
- 1990 – 1995: Lecturer of Computer Science, Technical University of Cluj-Napoca
- 1995 – 1998: Associate Professor of Computer Science, Technical University of Cluj-Napoca
- 1998 – Present Professor of Computer Science, Technical University of Cluj-Napoca, Computer Science Department

3. PROFESSIONAL VISITS

- 1992 University of Nottingham, Computer Science Department (EC Tempus – Specialization in Object Oriented Methods)
- 1993 Research Fellow, Computer Science Department, Nottingham University
- 1996 Invited Professor (teaching activities), Loyola University in Maryland, Information Systems and Decision Sciences Department, Baltimore, USA
- 1997 Politecnico di Torino (EC Tempus, Specialization in Distributed Systems)
- 1998 University of Hamburg, Computer Science Department (EC Tempus, Development of Computer Science Curricula)
- 2001 – 2004: Invited Professor (teaching and research activities), University of Limerick, Ireland, ECE Department
- 2005 – 2008 Appointed as External Examiner, ECE Department, University of Limerick, Ireland

4. RESEARCH ACTIVITY

Head of Distributed Systems Research Laboratory
Technical University of Cluj-Napoca,
<http://dsrl.coned.utcluj.ro>

4.1 Research domains

Large Scale Distributed Systems, Autonomic Computing and Systems, Intelligent Systems, Green Computing and Systems - Energy efficient data centres, Smart grids, Smart cities.

4.2 Publications

Books: 8

Book Chapters: 15

Papers

- Scopus: 112 papers (2000-2016)
<http://www.scopus.com/authid/detail.uri?authorId=15124243900#>
- Google Scholar: 312
https://scholar.google.ro/scholar?q=ioan+salomie&btnG=&hl=en&as_sdt=1%2C5&as_vis=1
- DBLP: 64 papers
http://dblp.uni-trier.de/search/publ?q=ioan%20salomie%20author%3AIoan_Salomie%3A
- ACM Digital Library: 49 papers
[http://dl.acm.org/results.cfm?query=\(%252Bloan%20%252BSalomie\)&within=owners.owner=GUIDE&filtered=&dte=&bfr&CFID=744271229&CFTOKEN=82713951](http://dl.acm.org/results.cfm?query=(%252Bloan%20%252BSalomie)&within=owners.owner=GUIDE&filtered=&dte=&bfr&CFID=744271229&CFTOKEN=82713951)
- IEEE Xplore: 60 papers
<http://ieeexplore.ieee.org/search/searchresult.jsp?searchWithin=%22First%20Name%22:Ioan&searchWithin=%22Last%20Name%22:Salomie&newsearch=true>
- ISI Web of Science: 55 papers
http://apps.webofknowledge.com/Search.do?product=UA&SID=V2xIJWHIFmqPraMo4A&search_mode=GeneralSearch&prID=39371605-5ec0-425f-b8d9-52a46a2f201b

4.3 Citations

- Google Scholar: h-index: 12, Citations: 593
- Scopus: h-Index: 7, Citations: 259
- Publish and Perish: Hirsch Index: 9, Citations: 291

4.4 Research Grants

International

- EU FP7: 2 projects (Project Director)
- EU FP7 AAL: 2 projects (Project Director)

- EU COST Actions: 3 projects (1 MC member, 2 MC substitute)
- EU Tempus Funded: 2 projects (1 International Project Coordinator, 1 Member)
- EU – Romania Cooperation in research: 1 project (Project Director)
- IRCS Ireland Funded: 1 project (Member)
- Industry Funded: 2 project (1 Project Director, 1 Member)

National

- Public Funds (Ideas, Partnerships, Bridge Grants, etc.): 8 projects (6 Project Director, 2 Member)
- Industry Funded: 4 project (3 Project Director, 1 Member)

Coordinator of International Programs

- Scientific Director Project EU FP 7 GEYSER
- Technical Manager Project EU AAL Elder-UP
- Coordinator Project EU Tempus CONED

4.5 PhD Thesis

- Supervised PhD Thesis (completed): 7
- Member of Thesis Evaluation Board in Romania: 30+
- External Examiner for PhD Thesis in Ireland and Czech Rep: 6

4.6 PC Member and Journal Reviewer

PC Member

2016: INISTA 2016, WETICE'2016,
2015: BCI2015, ICCP 2015, ICGREEN 2015, IDC'2015, ICCP 2014
2014: IDC2014, KSEM 2014, MCIS2014, WETICE/Web2Touch14
2013: ICCCI2013, IDC 2013, ICCP 2013, W2T'13, ECSCW/Web2Touch
2012: IDC 2012, ICCP 2012, LNCSVRED2012
2011: greenICCP2011 (Chair), FedCSIS2011, IDC 2011, IDC-CCPE-2010, ISPDC 2011
2010: IDC 2010, ICCP10, SEE 2010, SYNASC2010
2009: VLDB/RED 2009, ICCP09
Etc.

Paper Evaluation for Transactions on Cloud Computing (IEEE), Future Generation Computing Systems (Elsevier)

5. TEACHING ACTIVITY

Courses (designed and taught) for the Technical University of Cluj-Napoca, Computer Science Department (since 2000)

- *Distributed Systems* for Bachelor in Computer Science programme (Romanian and English Track)
- *Programming Techniques* for Bachelor in Computer Science programme (Romanian and English Track)
- *Advanced Topics in Distributed Systems* for Master in Computer Science programme
- *Service Oriented Distributed Computing* for Master in Computer Science programme
- *Business Process Management*, for Master in Computer Science programme

**Courses (designed and taught) for the University of Limerick, ECE Department
(2001 – 2004, Spring Semester)**

- *EE6502 Distributed Systems* for Master in Computer Engineering and Communication
- *CE 4706 – Software Engineering I*, for BEng in Computer Engineering

**Course (designed and taught) for Loyola College in Maryland, Information Systems and
Decision Sciences Department, 1996, Spring Semester**

- *Object Oriented Advanced Applications*

6. FOREIGN LANGUAGES

- English – Fluent

7. SERVICES TO THE ACADEMIC COMMUNITY

- CNATDCU – Member of Section Computer Science (2012 – 2016)
- Member of the Senate of the Technical University of Cluj-Napoca
- Member of the Executive Board of Computer Science Department, Technical University of Cluj-Napoca

Ioan Salomie
Cluj-Napoca, January, 2017

Ioan Salomie