

## Europass Curriculum Vitae



### Personal information

First name(s) / Surname(s) **Marius George Marcu**  
Address Martir Al. Chorosî Bl. B11, 300273 Timisoara (Romania)  
Mobile +40 744 687678  
E-mail [mmarcu@cs.upt.ro](mailto:mmarcu@cs.upt.ro)  
Web <http://www.cs.upt.ro/~mmarcu/>  
Date of birth 26 July 1972  
Gender Male

### Work experience (academic)

Dates 01/10/2006 → present  
Occupation or position held Associate professor  
Name and address of employer Politehnica University of Timisoara  
2 V. Parvan Blv., 300223 Timisoara (Romania)

Dates 01/10/2000 - 30/09/2006  
Occupation or position held Lecturer  
Name and address of employer Politehnica University of Timisoara  
2 V. Parvan Blv., 300223 Timisoara (Romania)

Dates 01/10/1996 - 30/09/2000  
Occupation or position held Teaching assistant  
Name and address of employer Politehnica University of Timisoara  
2 V. Parvan Blv., 300223 Timisoara (Romania)

### Work experience (industry)

Dates 01/10/2013 → present  
Occupation or position held Senior researcher  
Name and address of employer SC Intuitive Software SRL Timisoara  
2 M. Costin, 300174 Timisoara (Romania)

Dates 01/01/2000 → 31.12.2012  
Occupation or position held Software Project manager  
Name and address of employer SC Lasting Software SRL Timisoara  
2 M. Costin, 300174 Timisoara (Romania)

### Education and training

Dates 1998 - 2005  
Title of qualification awarded PhD in Computer Science and Engineering  
Name and type of organisation providing education and training Politehnica University of Timisoara  
(Romania)

Dates 1995 - 1996  
 Title of qualification awarded Master in Computer Engineering  
 Name and type of organisation providing education and training Politehnica University of Timisoara (Romania)

Dates 1990 - 1995  
 Title of qualification awarded Bachelor in Computers  
 Name and type of organisation providing education and training Politehnica University of Timisoara (Romania)

Dates 1986 - 1990  
 Title of qualification awarded Baccalaureate  
 Name and type of organisation providing education and training "Moise Nicoara" Mathematics and Physics High-School Arad (Romania)

### Personal skills and competences

Mother tongue(s) **Romanian**

Other language(s)

Self-assessment  
 European level (\*)

**English**

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	Proficient user	C1	Proficient user	B1	Independent user	B2	Independent user	B2	Independent user

(\*) [Common European Framework of Reference \(CEF\) level](#)

Organisational skills and competences Project manager in three national research grants and one international grant

Technical skills and competences Mobile computing, power management, thermal management  
 Drivers development  
 Computer networks, wireless networks  
 Microprocessors and embedded systems

Teaching experience Author of more than 10 teaching modules, lecture courses and laboratories

Scientific experience Author of more than 70 published works, as single or first author more than 30  
 3 Books  
 3 Books chapters  
 1 Lab workbook  
 1 PhD These  
 2 PhD Technical Reports  
 12 Journal papers (indexed: 4 ISI, 8 BDI)  
 67 Conference papers (indexed: 21 ISI, 46 BDI)

Relevant papers Marcu Marius, Tudor Dacian, Moldovan Horatiu, Fuicu Sebastian, Popa Mircea, "Energy Characterization of Mobile Devices and Applications Using Power-Thermal Benchmarks", *Microelectronics Journal*,40 (7),pp.1141-1153,Jul. 2009,ISSN 0026-2692  
 Marius Marcu, Power-thermal profiling of software applications, *Microelectronics Journal*,42 (4),pp.601-608,Apr. 201,ISSN 0026-2692

Research experience Involved in more than 10 research projects, as director or as team member:  
 2 International R&D Grant  
 5 National R&D Grants  
 5 National R&D Contracts  
 4 Project Director

Relevant projects Marcu Marius (Principal Investigator), Popa Mircea, Fuicu Sebastian, Amaricai-Boncalo Alexandru, Amaricai-Boncalo Oana, Bogdan Razvan, "GEMSCLAIM - GreenEr Mobile Systems by Cross Layer Integrated energy Management", CHIST-ERA, 2012-2015, ~250000 EUR.

Cretu Vladimir, Ciocarlie Horia, Tudor Dacian, Marcu Marius, Micea Mihai, Macariu Georgiana, Jebelean Calin, eMuCo "Embedded Multi-Core Processing for Mobile Communications", Contract No.: 216378/1 Feb 2008, 2008-2010, 184000, STREP R&D Grant, EU 7th Framework.

Marcu Marius (Director), Popa Mircea, Fuicu Sebastian, Tudor Dacian, Stratulat Bogdan, Stratulat Iulia, Open Execution Framework for Low Consumption Battery Powered Mobile Devices, 680/19.01.2009, 2009-2011, ~100000 EUR, CNCSIS PNCDI\_II IDEI

Driving licence(s) B