

Europass Curriculum Vitae

Personal information

First name(s) / Surname(s) **Marius George Marcu**
Address
Mobile
E-mail
Web
Date of birth
Gender



Work experience (academic)

Dates	01/10/2016 → present
Occupation or position held	Professor
Name and address of employer	Politehnica University of Timisoara 2 V. Parvan Blv., 300223 Timisoara (Romania)
Dates	01/10/2006 → 01/09/2016
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 / startup 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 2016
 Title of qualification awarded Habilitation thesis in Computer and Information Technology
 Name and type of organisation providing education and training Politehnica University of Timisoara (Romania)

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 Bacalaureate
 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)
 70 Conference papers (indexed: 27 ISI, 45 BDI)

Relevant papers	<p>Marcu Marius, Tudor Dacian, Moldovan Horatiu, Fuicu Sebastian, Popa Mircea, "Energy Characterization of Mobile Devices and Applications Using Power-Thermal Benchmarks", <i>Microelectronics Journal</i>, 40 (7), pp. 1141-1153, Jul. 2009, ISSN 0026-2692</p> <p>Marius Marcu, Power-thermal profiling of software applications, <i>Microelectronics Journal</i>, 42 (4), pp. 601-608, Apr. 2011, ISSN 0026-2692</p>
Research experience	<p>Involved in more than 10 research projects, as director or as team member:</p> <ul style="list-style-type: none"> 5 International R&D Grant 5 National R&D Grants 5 National R&D Contracts 4 Project Director
Relevant projects	<p>Marcu Marius (Principal Investigator), Popa Mircea, Fuicu Sebastian, Amaricai-Boncalo Alexandru, Amaricai-Boncalo Oana, Bogdan Razvan, "GEMSCCLAIM - GreenEr Mobile Systems by Cross Layer Integrated energy Management", CHIST-ERA, 2012-2015, ~250000 EUR.</p> <p>Amaricai Alexandru, Popa Mircea, Stratulat Mircea, Marcu Marius, Nimara Sergiu, "iRisc – Innovative Reliable Chip Designs from Low-Powered Unreliable Components", EU FP7 FET-Open, 2013-2016, Budget: 2 mil EUR, UPT Budget : 177 k EUR</p> <p>Marcu Marius, Popa Mircea, Micea Mihai, Gui Vasile, "MobileAssistant - Cross border academic development of an image-based recommendation system for regional educational purposes", HURO/1001/283/2.3.1, 2012, ~70 k EUR</p> <p>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.</p> <p>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</p>
Competitions	<p>First place – National phase International students contest ImagineCup - Software Design Competition, 2012</p>
Driving licence(s)	B