

## 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<br>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<br>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<br>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<br>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<br>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<br>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"> <li>5 International R&amp;D Grant</li> <li>5 National R&amp;D Grants</li> <li>5 National R&amp;D Contracts</li> <li>4 Project Director</li> </ul>   |
| 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&amp;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  |