



# Curriculum Vitae

## HRZZ Form

### PERSONAL INFORMATION

Name and surname **Marijan Marciuš**  
 Academic title B.Sc.Ed.  
 Year and institution of PhD obtained -  
 Address Bijenička cesta 54, Zagreb  
 Phone 456-1111 / internal 1583  
 Fax 4680 098  
 E-mail mmarcius@irb.hr  
 Personal web page  
 Citizenship Croatian  
 Date and place of birth 27. 01. 1977. Čakovec

### WORK EXPERIENCE<sup>1</sup> (CHRONOLOGICALLY\*)

Date (from – until) 2010. – present  
 Institution Ruđer Bošković Institute  
 Position research assistant, Ph. D. student  
 Work field *Synthesis and characterization of nanostructured metal oxides*

### EDUCATION<sup>2</sup> (CHRONOLOGICALLY)

Date 2010.  
 Place Zagreb  
 Institution Faculty of Science, University of Zagreb  
 Title of qualification awarded B.Sc.Ed. in physics and computer science

### LANGUAGES

**MOTHER TONGUE** **Croatian**  
**ENGLISH LANGUAGE**  
 Speaking **Very good**  
 Writing **Very good**  
 Reading **Very good**

### OTHER FOREIGN LANGUAGES<sup>3</sup>

Language **German**  
 Speaking **Very good**  
 Writing **Very good**  
 Reading **Very good**

<sup>1,2,3</sup> Please add rows to enter all required information

\* all information in the document should be entered chronologically – from the most recent to the oldest

**RESEARCH AND OTHER PROJECTS**

(CHRONOLOGICALLY; LEADER AND ASSOCIATES; FUNDING SOURCE)

2010 - ...: Researcher on the project "Synthesis and microstructure of metal oxides and oxide glasses"

**TEACHING**

(CHRONOLOGICALLY; UNDERGRADUATE, GRADUATE, POSTGRADUATE STUDY PROGRAMMES)

2004 – 2006 Computer Science – Introduction (teaching assistant, lectured by dr. sc. N. Pavin, Faculty of Science, University of Zagreb)

2004 – 2006 Programming basics (C) (teaching assistant, lectured by dr. sc. N. Pavin, Faculty of Science, University of Zagreb)

2004 – 2006 Computer exercises I / C++ (teaching assistant, lectured by dr. sc. D. Bosnar and L. Marušić, Faculty of Science, University of Zagreb)

2005 – 2006 Computer exercises II / Fortran 77/90 (teaching assistant, lectured by dr. sc. D. Bosnar, Faculty of Science, University of Zagreb)

**MEMBERSHIP IN SCIENCE ORGANIZATIONS AND BODIES**

(CHRONOLOGICALLY; HOME AND INTERNATIONAL ORGANIZATIONS AND BODIES)

2010 - ... member of Croatian Physical Society

**PAPERS**

(CHRONOLOGICALLY; RESEARCH BOOKS, HOME AND INTERNATIONAL RESEARCH JOURNALS, HOME AND INTERNATIONAL CONFERENCE PROCEEDINGS; PLEASE WRITE THEIR IMPACT FACTOR)

1. M. Marciuš, M. Ristić, M. Ivanda, S. Musić, „Formation of Iron Oxides by Surface Oxidation of Iron Plate“, Proceedings of 34th International Convention MIPRO 2011 / Biljanović, Petar ; Skala, Karolj (ur.). Rijeka : Croatian Society for Information and Communication Technology, Electronics and Microelectronics - MIPRO, 2011
2. Z. Tijanić, D. Ristić, M. Ivanda, I. Bogdanović-Raković, M. Marciuš, M. Ristić, O. Gamulin, S. Musić, K. Furić, A. Chiasera, M. Ferrari, G.C. Righini, „Low Temperature Deposition of SiN<sub>x</sub> Thin Films by the LPCVD Method“, Proceedings of 34th International Convention MIPRO 2011 / Biljanović, Petar ; Skala, Karolj (ur.). Rijeka : Croatian Society for Information and Communication Technology, Electronics and Microelectronics - MIPRO, 2011
3. D. Ristic, M. Ivanda, M. Marciuš, V. Holy, Z. Siketić, I. Bogdanović-Radović, O. Gamulin, K. Furić, M. Ristić, S. Musić, M. Buljan, M. Ferrari, A. Chiasera, A. Chiappini and G. C. Righini, "Characterisation of thin LPCVD silicon-rich oxide films", Proc. SPIE 8069, 80690P (2011); doi:10.1117/12.886783
4. D. Ristic, V. Holy, M. Ivanda, M. Marciuš, M. Buljan, O. Gamulin, K. Furić, M. Ristić, S. Musić, M. Mazzola, A. Chiasera, M. Ferrari, G.C. Righini, Surface characterization of thin silicon-rich oxide films, Journal of Molecular Structure, Volume 993, Issues 1-3, MOLECULAR SPECTROSCOPY AND MOLECULAR STRUCTURE 2010 - A Collection of Papers Presented at the XXXth European Congress on Molecular Spectroscopy, Florence, Italy, August 29 - September 3, 2010., 3 May 2011, Pages 214-218, ISSN 0022-2860, DOI: 10.1016/j.molstruc.2010.11.066.
5. D. Ristić, M. Ivanda, Z. Siketić, M. Marciuš, I. Bogdanović-Raković, M. Jakšić, M. Ristić, O. Gamulin, S. Musić, K. Furić, M. Ferrari, A. Chiasera, G.C. Righini, The content and distribution of oxygen in silicon rich oxide thin films (unpublished)

**COMPUTER SKILLS**

- Operating systems: Windows, Linux, Unix
- Programming languages: Fortran 77/90, C, C++, Pascal
- Web: HTML, PHP, JavaScript
- DataBase: MS Access, MySQL
- Symbolic languages: Wolfram Mathematica, Origin
- Office tools: MS Office, LaTeX
- Graphical tools: Corel Draw, Adobe Photoshop
- Scientific tools: MossWin, Peekfit

**OTHER IMPORTANT SKILLS AND COMPETENCES**

Experience with different characterization techniques such as powder X-ray diffractometry, Mossbauer, FT-IR, Raman and UV/Vis/NIR spectroscopies and Field Emission Scanning Electron Microscopy with EDS spectroscopy.