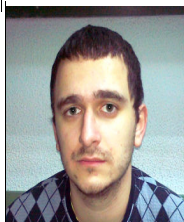


Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) **MILANOVIC, Igor**

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Nationality Serbian

Date of birth 29.09.1987.

Gender Male

Work experience

Dates	From July 2011 to December 2015
Occupation or position held	Research Associate
Main activities and responsibilities	Working on multinational project - "Nanostructured materials for solid-state hydrogen storage" - MPNS COST Action MP1103
Name and address of employer	Department of Material Science, Vinča Institute of Nuclear Sciences, University of Belgrade, 12-14 Mike Petrovića Alasa, 11001 Belgrade, Serbia
Type of business or sector	Scientific Institution
Dates	From February 2011 till now
Occupation or position held	Research Associate
Main activities and responsibilities	Working on synthesis of magnesium based materials for hydrogen storage, within national project "Synthesis processing and characterization of nanostructured materials for application in the fields of energy, mechanical engineering, environment and biomedicine"
Name and address of employer	Department of Material Science, Vinča Institute of Nuclear Sciences, University of Belgrade, 12-14 Mike Petrovića Alasa, 11001 Belgrade, Serbia
Type of business or sector	Scientific Institution
Dates	From April 2012 to April 2014
Occupation or position held	Research Associate
Main activities and responsibilities	Researcher on bilateral project Serbia Slovenia: Microstructural investigation of materials for hydrogen storage and correlation with desorption properties
Name and address of employer	Department of Material Science, Vinča Institute of Nuclear Sciences, University of Belgrade, 12-14 Mike Petrovića Alasa, 11001 Belgrade, Serbia
Type of business or sector	Scientific Institution

Education and training

Dates	From November 2011 till now
Title of qualification awarded	Ph.D candidate
Principal subjects/occupational skills covered	Conducting research on hydrogen storage materials
Name and type of organisation providing education and training	Faculty of Physical Chemistry, University of Belgrade, 12-16, Studentski trg, 11000 Belgrade, Serbia
Dates	From October 2010 to November 2011
Title of qualification awarded	Master in Science
Principal subjects/occupational skills covered	Theme: "Theoretical study of surface effects on hydrogen desorption kinetics of MgH ₂ "
Name and type of organisation providing education and training	Faculty of Physical Chemistry, University of Belgrade, 12-16, Studentski trg, 11000 Belgrade, Serbia
Dates	From October 2006 to November 2010
Title of qualification awarded	Graduate degree in physical chemistry
Principal subjects/occupational skills covered	Theme: "Oxygen reduction reaction on anodic formed TiO ₂ – influence of film size"
Name and type of organisation providing education and training	Faculty of Physical Chemistry, University of Belgrade, 12-16, Studentski trg, 11000 Belgrade, Serbia

Personal skills and competences

Mother tongue(s) **Serbian**

Other language(s)

Self-assessment

European level (*)

English

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B2	Independent user	C2	Proficient user	B1	Independent user	B1	Independent user	C1	Proficient user

(*) Common European Framework of Reference for Languages

Organisational skills and competences

- Member of program and organizing committee of the Joint meeting of 11th Conference of Young Researchers in Field of Material Science and the 1st European Early Stage Researchers Conference of Hydrogen Storage, 03-05. 12. 2012, Belgrade, Serbia

Social skills and competences

- Highly developed team spirit (gained through my handball trainings)
- Flexibility
- Readiness to listen to others while having a strong sense of responsibility to make decisions
- Willingness to learn new things, open and Communicative

Technical skills and competences

Ball milling (synthesis of composites with ball mill), Tafel's Analysis (electrochemistry), Data analysis with V-sim software (visualisation of crystal structures), Preparation of samples for ion irradiation

Computer skills and competences

Advanced knowledge of Microsoft Office applications and Internet;
Basic usage of Adobe PhotoShop,
Experienced in specialized software (Origin)
DFT ab initio calculation with Abinit
Linux;

Artistic skills and competences	<p>Playing guitar</p> <p>Fan of astronomy and observation of stars</p> <p>Big fan of football and football history (World Cup Championships and European Championships for Clubs)</p>
Driving licence	Category B
Other skills and competences	Fishing, Assemblage of hardware for PC, Playing handball (former player at left and middle back position in HK "Mladost" from Vrsac)
Awards:	<ul style="list-style-type: none"> • Special acknowledgment of Serbian Chemical Society for results during the studying
Professional memberships:	<ul style="list-style-type: none"> • Serbian society for microscopy, • European microscopy society, • Student chapter of International association for hydrogen energy, • Materials research society-Serbia, • Society of physical chemists of Serbia
Selected Papers	<ol style="list-style-type: none"> 1. Lj. Matović, S. Kurko, Ž. Rašković-Lovre, R. Vujasin, I. Milanović, S. Milošević, J. Grbović Novaković, Assessment of changes in desorption mechanism of MgH₂ after ion bombardment induced destabilization, Int.J.Hyd. Energy 37(8) (2012) 6727-6732
Congresses and conferences attended -last 3 years	<ol style="list-style-type: none"> 1. S. Milošević, Ž. Rašković-Lovre, I. Milanovic, S. Kurko, R. Vujasin, Z. Bašcarevic, Lj. Matovic, J. Grbovic Novakovic, Microstructure and hydrogen storage properties of MgH₂-TiB₂ composites .Proceedings of 10th Multinational Cogress of Microscopy, Urbino 4-9.09.2011, Italy, pg.495 2. Ž. Rašković-Lovre, S.Milošević, I. Milanovic, S. Kurko, R. Vujasin, Z. Bašcarevic, J. Grbovic Novakovic, Lj. Matovic, Microstructure and hydrogen storage properties of MgH₂-TiB₂-SiC composites Proceedings of 10th Multinational Cogress of Microscopy, Urbino 4-9.09.2011, Italy, pg.507 3. I.Milanović, R. Vujasin, S. Milošević, Ž. Rašković-Lovre,S. Kurko, Lj. Matović, J. Grbović Novaković, Mechanical synthesis of magnesium based nanocomposites, 13th annual conference YUCOMAT 2011, Herceg Novi, September 5-9, 2011, Montenegro, pg. 150 4. I.Milanović, R. Vujasin, S. Milošević, Ž. Rašković-Lovre, S. Kurko, Lj. Matović, J. Grbović Novaković,Mechanochemical synthesis of MgH₂-TiB₂ composites for hydrogen storage VII International Conference on Mechanochemistry and Mechanical Alloying INCOME 2011, Herceg Novi, August 31-September 3, 2011, pg. 57 5. I.Milanović, R. Vujasin, S. Milošević, Ž. Rašković, S. Kurko, Lj. Matović, J. Grbović Novaković, A. Aurora, A. Montone, Mechanical milling of magnesium based composites for hydrogen storage, VII International Conference on Mechanochemistry and Mechanical Alloying INCOME 2011, Herceg Novi, August 31-September 3, 2011, pg. 76 6. S.Kurko, I. Milanovic, J. Grbovic Novakovic, N. Novakovic, Role of Boron Doping on MgH₂ Hydrogen Surface Sorption Properties, Hands-on Tutorial Workshop 2011 on ab initio Molecular Simulations, Towards a First-Principles Understanding of Materials Properties and Functions, Book of abstracts, P31, pg. 30,