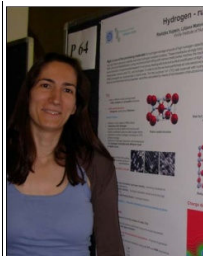


Curriculum Vitae



Personal information

First name(s) / Surname(s) **VUJASIN, Radojka**
Address(es) 12-14, Mike Petrovica Alasa Street, 11001 Belgrade, Serbia
Telephone(s) +381 113408507 Mobile: +381 645784481
Fax(es) +381 113408224
E-mail radojka.vujasin@vinca.rs
Nationality Serbian
Date of birth 29.04.1981.
Gender Female

Work experience

Dates	From July 2011 to December 2015
Occupation or position held	Research Fellow
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 Materials 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 Assistant
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 Materials 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 January 2011 to December 2014
Occupation or position held	Research Assistant
Main activities and responsibilities	Researcher on theoretical investigation of 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 Materials 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 October 2010 to December 2010
Occupation or position held	Research Assistant

Main activities and responsibilities | Researcher on theoretical investigation of magnesium based materials for hydrogen storage, within national project "Nanostructured ceramic and carbon materials and their composites"

Name and address of employer | Department of Materials 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 October 2009 till now

Title of qualification awarded | PhD candidate

Principal subjects/occupational skills covered | Theoretical study of Mg-thin films and interfaces

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 March 2009 to July 2009

Title of qualification awarded | Master in Science

Principal subjects/occupational skills covered | Theme: "New variational approach for solving vibrational Schroedinger equation"

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 1999 to March 2009

Title of qualification awarded | Graduate degree in physical chemistry

Principal subjects/occupational skills covered | Theme: "Theory of alpha decay"

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	B2	Independent user	B1	Independent user	B1	Independent user	B2	Independent user

(*) Common European Framework of Reference for Languages

Social skills and competences

- Highly developed team spirit
- Responsibility, flexibility
- Readiness to learn new things, open and communicative

Organisational skills and competences

- Experienced in working under pressure and delivering results in short deadlines
- Gained high quality practical organisational skills through conference
- 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
- Member of technical committee of the 4th Serbian congress for microscopy, 11-12.10.2010, Belgrade, Serbia

Technical skills and competences

DFT calculations within Abinit code, SRIM Monte Carlo simulation, SciLab

Computer skills and competences	<p>Advanced knowledge of Microsoft Office applications and Internet Basic usage of Adobe Photoshop Experienced in specialized software (Origin)</p>
Professional memberships	<ul style="list-style-type: none"> • Serbian society for microscopy • European microscopy society • Hydrogen storage student chapter of International association for hydrogen energy • Materials research society of Serbia
Papers:	<ol style="list-style-type: none"> 1. S. Milošević, Ž. Rašković-Lovre, S. Kurko, R. Vujasin, N. Cvjetičanin, Lj. Matović, J. Grbović Novaković, Influence of VO₂ nanostructured ceramics on hydrogen desorption properties from magnesium hydride, Ceramics International DOI 10.1016/j.ceramint.2012.05.091 2. 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 3. J. Gulicovski, Ž. Rašković-Lovre, S. Kurko, R. Vujasin, Z. Jovanović, Lj. Matović, J. Grbović Novaković, Influence of vacant CeO₂ nanostructured ceramics on MgH₂ hydrogen desorption properties, Ceram. Int 38 (2) (2012) 1181-1186 4. R.Vujasin, S. Milošević, S. Kurko, Ž. Rašković-Lovre, I. Milanović, A. Đukić, Lj. Matović, J. Grbović Novaković, Načini skladištenja vodonika - izazovi današnjice, Tehnika novi materijali 3 (2012) 5. R.Vujasin, M. Senčanski, J. Radić-Perić, M. Perić, A Comparison of Various Vibrational Approaches for Solving the One-dimensional Vibrational Schroedinger Equation, MATCH Commun. Math. Comput. Chem. 63 (2010) 363-3780
Congresses and conferences attended in last 3 years:	<ol style="list-style-type: none"> 1. 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 Congress of Microscopy, Urbino 4-9.09.2011, Italy, pg.507 2. S. Milošević, Ž. Rašković-Lovre, I. Milanović, S. Kurko, R. Vujasin, Z. Bašcarević, Lj. Matović, J. Grbović Novaković, Microstructure and hydrogen storage properties of MgH₂-TiB₂ composites. Proceedings of 10th Multinational Congress of Microscopy, Urbino 4-9.09.2011, Italy, pg.495 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, S. Milošević, R. Vujasin, 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. R.Vujasin, M. Senčanski, M. Perić, Theoretical investigation of the structure of the BC₂, The book of abstract of 1st Conference of the Serbian Ceramic Society, Belgrade, Serbia, 17-18.03.2011,pg.70 7. Ž. Rašković, S. Kurko, B. Paskaš Mamula, Lj. Matović, N. Novaković, R. Vujasin J. Grbović Novaković, Improvement of hydrogen storage properties of MgH₂ by α and β -SiC, The book of abstract of 1st Conference of the Serbian Ceramic Society, Belgrade, Serbia, 17-18.03.2011 pg.60 8. R. Vujasin, M. Senčanski, Ab initio calculation of the structure and partition functions of BC₂, 9th Young Researchers Conference Materials Sciences and Engineering, Belgrade, 20-22.12.2010, Serbia, pg. 33 9. Ž. Rašković, S. Kurko, R. Vujasin, J. Gulicovski, S. Milošević, Lj. Matović, J. Grbović Novaković, Hydrogen storage properties of MgH₂-CeO₂ composites, 9th Young Researchers Conference Materials Sciences and Engineering December 20-22, 2010, Belgrade, Serbia, pg. 33