

Curriculum Vitae

Personal information



First name(s) / Surname(s)

RADISAVLJEVIĆ, Ivana

Address(es)

P.O. Box 522, No. 12-14 Mike Petrovića Alasa Street, 11 001 Belgrade, Serbia

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iva@vin.bg.ac.rs,

Nationality

Serbian

Date of birth

20. 05. 1972.

Gender

Female

Work experience

Dates

From July 2011 to December 2015

Occupation or position held

Research Associate

Main activities and responsibilities

Researcher on COST Action MP1103 Nanostructured materials for solid-state hydrogen storage
Member of working group devoted to the numerical calculations

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

2010-2014

Occupation or position held

Research Associate

Main activities and responsibilities

National project "III 45003 Optoelectronic nanodimensional systems"
Leader of the sub-project III 45003-4: Electronic principles of formation and functioning of nanostructures

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

2010-2014

Occupation or position held

Research Associate

Main activities and responsibilities

National project "III 45012 Synthesis, processing and characterization of nanostructured materials for application in the fields of energy, mechanical engineering, environment and biomedicine"
Researcher in the work package: Experimental and theoretical investigation of materials for hydrogen storage

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

2011

Occupation or position held

Research Associate

Main activities and responsibilities

Leader of the international project: 20105485 *Local structure and electronic properties of transition*

	<i>metal ions (TM=Mn, Fe, Co) in wide gap diluted magnetic semiconductors-Synchrotron ELETTRA (Trieste, Italy)</i>
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	2011
Occupation or position held	Research Associate
Main activities and responsibilities	Leader of the international project: I-20100379 EC <i>Investigations of quaternary transition metal-based $Cd_{1-x}M_xTe_{1-y}Se(S)_y$ ($M=Mn, Fe, Co$) diluted magnetic semiconductors-Synchrotron DESY (Hamburg, Germany)</i>
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	2010
Occupation or position held	Research Associate
Main activities and responsibilities	Leader of the international project: I-20090297 EC <i>Magnetic impurities in $Cd_{1-x}M_xTe_{1-y}Se_y$ ($M=Cr, Mn, Fe, Co, Ni$) semiconductors-Synchrotron DESY (Hamburg, Germany)</i>
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	2008/2009
Occupation or position held	Research Associate
Main activities and responsibilities	Researcher in the international project: Local structures in PbTe:A ($A=Ni, Co, Yb$) semimagnetic semiconductors
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	2008
Title of qualification awarded	PhD
Principal subjects/occupational skills covered	Diluted Magnetic Semiconductors: Theme: Investigations of Local Structures and Properties of Multi-component $Pb_{1-x}Mn_xTe$ systems
Name and type of organisation providing education and training	Faculty of Physics University of Belgrade, 12-16, Studentski trg, 11000 Belgrade, Serbia
Dates	2002
Title of qualification awarded	Magisterium in physics
Principal subjects/occupational skills covered	Theme: Possibilities of Investigations of Properties of the Local Structures in Hf-intermetallic compounds by TDPAC method
Name and type of organisation providing education and training	Faculty of Physics, University of Belgrade, 12-16, Studentski trg, 11000 Belgrade, Serbia
Dates	1999
Title of qualification awarded	Graduate degree in physics
Principal subjects/occupational skills covered	Biophysics: Theme: A Model for Human Immune Response
Name and type of organisation providing education and training	Faculty of Physics, 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

Spanish

French

German

Modern Greek

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user
C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user
C1	Proficient user	C1	Proficient user	B2	Independent User	B2	Independent User	B2	Independent User
B1	Independent User	B2	Independent User	B1	Independent User	B1	Independent User	B2	Independent User
A1	Basic user	A2	Basic user	A1	Basic user	A1	Basic user	A2	Basic user

(*) Common European Framework of Reference for Languages

Professional upgrade/courses and workshops

- Satellite Workshop *New prospects for Resonant Inelastic soft X-ray Scattering*-Synchrotron SOLEIL (Paris, France)
- SESTRE Workshop-*Seeded FEL sources and Time-resolved experiments*- International Centre for Theoretical Physics ICTP (Trieste, Italy)
- *International workshop on the soft X-ray science and instrumentation at the European XFEL*- International Centre for Theoretical Physics ICTP (Trieste, Italy)
- *IFSM Advanced School and School of Electron Microscopy* (Rio de Janeiro, Brazil)
- VIII Research Course on New X-Ray Sciences: *Magnetic Materials in Synchrotron and XFEL X-ray light*-Synchrotron DESY (Hamburg, Germany)
- Summer School on Physics of Advanced Materials-PAM 04 (Thessaloniki, Greece)
- International School of Physics Enrico Fermi *CLX Course-From Nanostructures to Nanosensing Applications* (Varena, Italy)
- Summer School on Physics of Advanced Materials- PAM 03" (Thessaloniki, Greece)
- EURO SUMMER SCHOOL *New Materials and their Dynamics - Advances through Synchrotron Radiation* (Rostock, Germany)
- International School of Physics Enrico Fermi *CXLVII Course-High Pressure Phenomena* (Varena, Italy)
- *3rd Balkan Summer School and Workshop on Physics of Materials* (Thessaloniki, Greece)

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

Technical skills and competences

- Theoretical modelling of II-VI and IV-VI semiconductors (electronic structure calculations using state-of-art WIEN2k and FEFF9.2 codes)
- XAFS electronic and local structural investigation in semiconductors
- XMCD measurements

Computer skills and competences

- Advanced knowledge of Microsoft Office (and Open Office) applications and Internet;
- Advanced Corel Draw, Adobe Photoshop;
- Advanced Origin, FindIt-XRD data base
- Advanced use MS Windows and Unix-like platforms

Professional memberships

- Serbian Physical Society
- IOP
- Materials research society-Serbia
- ESRF

Referee	<ul style="list-style-type: none"> • Journal of Polymer Science Part B: Polymer Physics • Physica B: Condensed Matter
Teaching	<ul style="list-style-type: none"> • Currently mentoring the PhD thesis of M. Medić, MSc Physical Chemistry • Mentor of M. Medić M.Sc thesis completed in 2011. Theme: "Investigation of the structure, electronic and magnetic properties of ZnO(Co)"
Social skills and competences	<ul style="list-style-type: none"> • Devotion and responsibility • Problem-solving attitude • Easiness to communicate • Readiness to learn new things • Independence as well as team spirit
Selected papers published in last 5 years	<ol style="list-style-type: none"> 1. N. Ivanović, I. Radisavljević, N. Novaković, M. Manasijević, D. Colognesi, Calculations of molecular structures and processes important for hydrogen behaviour in the Li-amide/imide system, Acta Physica Polonica A 120 (2011) 242-245 2. N. Novaković, Lj. Matović, J. Grbovic Novaković, I. Radisavljević, M. Manasijević, N. Ivanović, AB INITIO calculation of MgH₂, MgH₂: Ti and MgH₂:Co compounds, International Journal of Hydrogen Energy 35 (2010) 598-608 3. I. Radisavljević, N. Novaković, N. Romčević, M. Manasijević, H.-E. Mahnke, N. Ivanović, XAFS studies of ytterbium doped lead-telluride, Journal of Alloys and Compounds 501, (2010) 159-163. 4. N. Ivanović, N. Novaković, D. Colognesi, I. Radisavljević, S. Ostojčić, Electronic principles of some trends in properties of metallic hydride, Int. J. Modern Phys. B 24 (6-7) (2010) 703-710 5. I. Radisavljević, N. Ivanović, N. Novaković, N. Romčević, H.-E. Mahnke, XAFS studies of nickel-doped lead telluride, Physica B: Condensed Matter 404 (2009) 5032–5034 6. I. Radisavljević, D. Marjanović, N. Novaković, N. Ivanović, Possibilities for tuning electronic and optical properties of oligophenylenes by selected chemical influences, Optical Materials 30 (2008) 1103-1108 7. N. Novaković, I. Radisavljević, D. Colognesi, S. Ostojčić, N. Ivanović, First Principle Calculations of Alkali Hydride Electronic Structures Journal of Physics: Condensed Matter 19 (2007) 406211
Congresses and conferences attended in last couple of years	<ol style="list-style-type: none"> 1. N. Novaković, B. Paskaš Mamula, I. Radisavljević, J. Grbović Novaković, N. Ivanović, An ab initio study of Mg-H phase diagram, The book of abstract of 1st Conference of the Serbian Ceramic Society, Belgrade, Serbia March, 17-18, 2011. Book of Abstracts p.52 2. I. Radisavljević, N. Novaković, N. Ivanović, N. Romčević, H.-E. Mahnke, Structural and electronic properties of quaternary cdte-based diluted magnetic semiconductors, Microscopy of Semiconducting Materials MSM XVII, Cambridge, UK, April 4-7, 2011. Programme and Abstracts, p. 52 3. N. Ivanović, I. Radisavljević, N. Novaković, M. Manasijević, D. Colognesi, Calculations of molecular structures and processes important for hydrogen behaviour in the li-amide/imide system, Twelfth Annual Conference YUCOMAT 2010, Herceg Novi, Montenegro, September 6-10, 2010. Book of abstracts p.107 4. I. Radisavljević, N. Novaković, N. Ivanović, N. Romčević, H.-E. Mahnke, Structural investigations of quaternary Fe-based ZnTeSe semiconductors, 17th International Microscopy Congress IMC 17, Rio de Janeiro, Brazil, September 19-24, 2010. Proceedings CD ROM 5. N. Ivanović, N. Novaković, D. Colognesi, I. Radisavljević, S. Ostojčić, ELECTRONIC PRINCIPLES OF SOME TRENDS IN PROPERTIES OF METALLIC HYDRIDES, Eleventh Annual Conference YUCOMAT 2009, Herceg Novi, Montenegro, August 31- September 4, 2009. Book of abstracts p.131