

Curriculum Vitae

Personal information

First name(s) / Surname(s) **IVANOVIĆ, Nenad**
Address(es) 12-14, Mike Petrovića Alasa 11 000 Belgrade, Serbia
Telephone(s) +381 113408434 Mobile: +381 642000550
Fax(es) +381 113440100
E-mail nivanov@vin.bg.ac.rs
Nationality Serbian
Date of birth 27.11.1961.
Gender Male

Work experience

Dates	From July 2011 to December 2015
Occupation or position held	Principal Research Fellow
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	From 2010 to 2014
Occupation or position held	Principal Research Fellow
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" Leader of the sub-project: 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	From 2010 to 2014
Occupation or position held	Principal Research Fellow
Main activities and responsibilities	National project "III 45003 Optoelectronic nanodimensional systems" Researcher in 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	2011
Occupation or position held	Principal Research Fellow
Main activities and responsibilities	Researcher in the international project: 20105485 <i>Local structure and electronic properties of transition metal ions (TM=Mn, Fe, Co) in wide gap diluted magnetic semiconductors</i> -Synchrotron ELETTRA (Trieste, Italy)
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	Principal Research Fellow
Main activities and responsibilities	Researcher in 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</i> -Synchrotron DESY (Hamburg, Germany)
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	Principal Research Fellow
Main activities and responsibilities	Researcher in 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</i> -Synchrotron DESY (Hamburg, Germany)
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 2010 to 2012
Occupation or position held	Principal Research Fellow
Main activities and responsibilities	Researcher: Bilateral project between and Serbia “Effects of low energy ion irradiation on the catalytic activity magnesium and magnesium based intermetallic compounds”
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	2006-2010
Occupation or position held	Principal Research Fellow
Main activities and responsibilities	Leader of the national project: 141009-Physics “Investigations of local structures and clusters in solid state”
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	2009
Occupation or position held	Principal Research Fellow
Main activities and responsibilities	Researcher in international project: Inelastic neutron scattering study of the microscopic proton dynamics in ion-bombarded MgH_2 (Rutherford Appleton Laboratory, UK)
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
Occupation or position held	Senior Research Associate
Main activities and responsibilities	Leader of the inovation project: “ПРОИЗВОДЊА НАНО-ПРАХОВА ОКСИДА ГВОЖЂА ПОГОДНИХ ЗА ПРИМЕНЕ У МЕДИЦИНИ”(realizator КРИСТАЛ ИНФИЗ ДОО, No.: 451-01-00065/2008-01/70).
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	2007/2008
Occupation or position held	Senior Research Associate
Main activities and responsibilities	Leader of the international project: Local structures in $PbTe:A$ ($A=Ni, Co, Yb$) semimagnetic semiconductors-Synchrotron DESY (Hamburg, Germany)
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 2005

Occupation or position held Senior Research Associate

Main activities and responsibilities **Leader of the international project:** I-04-036 Local structures, displacements, and phase transitions in $Pb_{1-x}A_xTe_{1-y}B_y$ (A=Mn, In, Ga, B=S) semiconductors-Synchrotron DESY (Hamburg, Germany)

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 1997

Title of qualification awarded PhD

Principal subjects/occupational skills covered **Theme:** Hyperfine Interactions Measurements in the Hf Intermetallic Compounds

Name and type of organisation providing education and training Faculty of Electrical Engineering, University of Belgrade, 12-16, Studentski trg, 11000 Belgrade, Serbia

Dates 1991

Title of qualification awarded Magisterium in physics

Principal subjects/occupational skills covered **Theme:** Measurements of Electrical Quadruple Interaction in Compound Hf-Rh by the Time Differential Perturbed Angular Correlation Method

Name and type of organisation providing education and training Faculty of Electrical Engineering, University of Belgrade, 12-16, Studentski trg, 11000 Belgrade, Serbia

Dates 1987

Title of qualification awarded Graduate degree in electrical engineering

Principal subjects/occupational skills covered **Theme:** Interaction of Laser Radiation with Materials

Name and type of organisation providing education and training Faculty of Electrical Engineering, 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

Russian

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	B1	Independent user	B1	Independent user	B1	Independent user

Professional upgrade

- During 2001. I spent 6 months as guest scientist at Hahn-Meitner Institute (HMI) Berlin, dealing with investigations of local structures in semiconductors by EXAFS method, including experimental measurements at HASYLAB, DESY in Hamburg, systems modelling, data processing, fitting and elaboration.

Organisational skills and competences	<ul style="list-style-type: none"> • Member organizing board of 3th Serbian congress on microscopy, Belgrade, Serbia (2007) • Member of the <i>International Scientific Board of the 3rd youth Symposium on Experimental Solid Mechanics</i>, Porreta Terme, Italy, 12-15 May (2004)
Technical skills and competences	<ul style="list-style-type: none"> • Radiation interactions with matter • Solid State Nuclear Track Detectors • Photovoltaic conversion • Optimization of the coincidence set-up for the Time Differential Angular Correlations (TDPAC) of γ-rays measurements, data acquisition, and fitting • X-ray diffraction, specific heat and magnetic susceptibility measurements, SEM and STM • Calculations (semiempirical, and LCAO quantum mechanic) by Hyperchem package • Tight-Binding calculations • Density Functional Theory-based calculations by WIEN2k package • XAFS electronic and local structural investigations by FEFF package
Computer skills and competences	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Serbian Physical Society • Materials research society-Serbia
Referee	<ul style="list-style-type: none"> • Ms. Ref. No.: MATCHEMPHYS-D-08-02855 Title: Relationship between structure and infrared radiation property in Co_{1-x}Zn_xFe₂O₄ ferrites studied by XAFS analysis Materials Chemistry and Physics • Ms. Ref. No.: MATCHEMPHYS-D-09-00582 Title: Photo/electroluminescence properties of a europium(III) complex doped in CBP matrix Materials Chemistry and Physics
Teaching	<ul style="list-style-type: none"> • М. Срећковић, С. Остојић, С. Ристић, Ј. Илић, В. Арсоки, ЗБИРКА ЗАДАТАКА ИЗ КВАНТНЕ ЕЛЕКТРОНИКЕ, ЛАСЕРСКЕ ТЕХНИКЕ И СРОДНИХ ОБЛАСТИ ПРИМЕНЕ, Технички Факултет – Чачак, Чачак, Србија, 2007. ISBN 978-86-7776-047-2. • М. Срећковић, М. Кутин, М. Хрибшек, М. Павловић, С. Полић Радовановић, В. Зарубица ПРИМЕНА ЕЛИОНСКИХ И ДРУГИХ ТЕХНИКА У МЕРЕЊУ КОНТРОЛИ И ОБРАДИ МАТЕРИЈАЛА И ПРОЦЕСА, Институт «Гоша» и Друштво за техничку дијагностику Србије Београд 2009. ISBN 978-86-86917-08-9 • Currently mentoring the PhD thesis of Bojana Kuzmanović • Mentor of the Ivana Radisavljević Magisterium thesis completed in 2002. Theme: "Possibilities of Investigations of Properties of the Local Structures in Hf-intermetallic compounds by TDPAC method" • Mentor of the Ivana Radisavljević PhD thesis completed in 2008. Theme: "Investigations of Local Structures and Properties of Multi-component Pb_{1-x}Mn_xTe systems" • Mentor of the Nikola Novaković PhD thesis completed in 2010. Theme: "Ab initio investigation of alkali, alkaline earth and transition metal hydrides properties"
Teaching committee member	<ul style="list-style-type: none"> • PhD Thesis, Александар Кандић, ДИРЕКТНА МЕТОДА ЗА ОДРЕЂИВАЊЕ НИСКИХ АКТИВНОСТИ ИЗВОРА СА ЈАКИМ КОИНЦИДЕНТНИМ СУМИРАЊЕМ-ПРИМЕНА НА ⁵⁷Со, Физички факултет у Београду, Београд 2008. • PhD Thesis, Љиљана Матовић, ПРОМЕНА ТЕРМИЈСКИХ ОСОБИНА MgH₂ УСЛЕД ДЕСТАБИЛИЗАЦИЈЕ СТРУКТУРЕ ВИСОКОЕНЕРГЕТСКИМ ЈОНИМА, Факултет за Физичку хемију, Универзитет у Београду, Београд 2010. • Mag. Sci. Thesis, Ивана Веселиновић, ЕФЕКТИ КОХЕРЕНТНЕ СВЕТЛОСТИ НА ОДАБРАНЕ ОРГАНСКЕ МАТЕРИЈАЛЕ, Електротехнички факултет у Београду, Београд 2009. • Mag. Sci. Thesis, Биљана Веселиновић, ЛАСЕРИ И КОМПОНЕНТЕ НА БАЗИ ОРГАНСКИХ МАТЕРИЈАЛА, Електротехнички факултет у Београду, Београд 2009.

Social skills and competences

- Devotion and responsibility
- Problem-solving attitude
- Independence as well as team spirit

Citations

68 (170 with self citations)

Papers published in leading international journals

1. N. Ivanović, D. Rodić, V. Koteski, I. Radisavljević, N. Novaković, D. Marjanović, M. Manasijević, S. Koički, CLUSTER APPROACH TO THE Ti_2Ni STRUCTURE TYPE
Acta Crystallographica B, Vol. 62, pp. 1-8, 2006.
M21 [CRYSTALLOGRAPHY \(5/23\)](#), IF 2.172 (2006) 5.418 (2004)
ISSN 0108-7681
Keywords: electric-field-gradient, nuclear-quadrupole interaction, intermetallic compounds, stability
2. N. Novaković, N. Ivanović, V. Koteski, I. Radisavljević, J. Belošević-Čavor, B. Cekić, STRUCTURAL STABILITY OF SOME CsCl STRUCTURE HTM (TM=Co, Rh, Ru, Fe) COMPOUNDS
Intermetallics, Vol. 14, pp. 1403-1410, 2006.
M21 [MATERIALS SCIENCE, MULTIDISCIPLINARY \(35/175\)](#) IF 1.943 (2006)
ISSN 0966-9795
Keywords: intermetallics, miscellaneous; electronic structure of metals and alloys; ab initio calculations; phase stability, prediction
3. N. Ivanović, I. Radisavljević, D. Marjanović, S. Bojanić, C. Carreras, MOLECULAR SIZE AND CONFORMATIONAL EFFECTS ON OLIGOPHENYLENES ELECTRONIC AND VIBRATIONAL PROPERTIES
Journal of Polymer Sciences B, Vol. 44, pp. 1783-1794, 2006.
M21 [POLYMER SCIENCE \(19/75\)](#) IF 1.662 (2006) 1.739 (2005)
ISSN 0887-6266
Keywords: calculations; electronic and vibrational properties; oligophenylenes; torsion angle and size dependences
4. N. Bundaleski, G. Gligorić, N. Ivanović, Z. Ristić, INELASTIC ENERGY LOSSES OF He^+ IONS SINGLY SCATTERED FROM POLYCRYSTALLINE CHROMIUM
Nuclear Instruments and Methods B, Vol. 256, pp. 86-91, 2007.
M21 [NUCLEAR SCIENCE & TECHNOLOGY \(9/31\)](#) IF 0.997 (2007)
ISSN 0168-583X
Keywords: low energy ion scattering, charge exchange processes
5. N. Novaković, I. Radisavljević, D. Colognesi, S. Ostojić, N. Ivanović, FIRST PRINCIPLE CALCULATIONS OF ALKALY HYDRIDE ELECTRONIC STRUCTURES
J. Phys. Condens. Matter Vol. 19, pp. 406211 (1-14), 2007.
M21 [PHYSICS, CONDENSED MATTER \(16/61\)](#) IF 1.886 (2007) 2.145 (2005)
ISSN 0953-8984
Keywords: ab initio calculations, alkali hydride, inelastic neutron-scattering
6. I Radisavljević, D. Marjanović, N. Novaković, M. Manasijević, N. Ivanović POSSIBILITIES FOR TUNING ELECTRONIC AND OPTICAL PROPERTIES OF OLIGOPHENYLENES BY SELECTED CHEMICAL INFLUENCES
Optical Materials, Vol. 30 (2008) 1103-1108.
M21 [OPTICS \(19/64\)](#) IF 1.773 (2008)
ISSN 0925-3467
Keywords: poly(p-phenylene) oligomers; electronic properties; optical properties; calculations
7. J. Grbović-Novaković, LJ. Matović, M. Drvendžija, N. Novaković, D. Rajnović, M. Šiljegović, Z. Kačarević-Popović, N. Ivanović, CHANGES OF HYDROGEN STORAGE PROPERTIES OF MgH_2 INDUCED BY HEAVY ION IRRADIATION
International Journal of Hydrogen Energy, Vol. 33, pp. 1876-1879, 2008.
M21 [PHYSICS, ATOMIC, MOLECULAR & CHEMICAL \(4/31\)](#) IF 3.452 (2008)
ISSN 0360-3199
Keywords: hydrogen storage; magnesium hydride; ion irradiation; DSC; Monte Carlo simulation

Papers
published in other international journals

8. L.J. Matović, N. Novaković, S. Kurko, M. Šiljegović, B. Matović, Z. Kačarević-Popović, N. Romčević, N. Ivanović, J. Grbović-Novaković
STRUCTURAL DESTABILISATION OF MgH₂ OBTAINED BY HEAVY ION IRRADIATION
International Journal of Hydrogen Energy, Vol. 34 (2009) 7275-7282.
M21 PHYSICS, ATOMIC, MOLECULAR & CHEMICAL (4/31) IF 3.945 (2009)
ISSN 0360-3199
Keywords: substoichiometric MgH₂; hydrogen storage; heavy ion irradiation; structure; Raman spectra
9. N. Novaković, J. Grbović Novaković, Lj. Matović, M. Manasijević, I. Radisavljević, B. Paskaš-Mamula, N. Ivanović
AB INITIO CALCULATIONS OF MgH₂, MgH₂: Ti AND MgH₂:Co COMPOUNDS
International Journal of Hydrogen Energy, **35**, 598-608 (2010).
M21 PHYSICS, ATOMIC, MOLECULAR & CHEMICAL (4/31) IF 3.945 (2009)
ISSN 0360-3199
Keywords: hydrogen storage; MgH₂; transition metal catalyst; ab initio calculations
10. 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**, 159-163 (2010).
M21 METALLURGY & METALLURGICAL ENGINEERING (7/63) IF 2.135 (2009).
ISSN 0925-8388
Keywords: lead telluride; impurities; defects; XAFS
1. Lj. Vuličević, N. Ivanović, A. Maričić, A. Vučković, N. Popović, S. Vardić
HYDROTHERMAL TREATMENT OF ELECTROCHEMICALLY SYNTHESISED NANOCRYSTALLINE IRON OXIDE POWDER
Science of Sintering, Vol. 39, pp. 85-91, 2007.
M22 MATERIALS SCIENCE, CERAMICS (12/25) IF 0.481 (2007)
ISSN 0350-820X
Keywords: magnetic iron oxides; electrochemical synthesis; hydrothermal treatment
2. Lj. Vuličević, N. Ivanović, N. Popović, M. Novaković, M. Popović, M. Mitrić, V. Andrić, D. Babić
INVESTIGATION OF PROPERTIES OF ELECTROCHEMICALLY SYNTHESIZED IRON OXIDE NANO-POWDERS
Journal of Microscopy, Vol. 232, No. (3) (2008) pp. 629-633.
M22 MICROSCOPY (3/9) IF 1.947 (2006)
ISSN 0022-2720
Keywords: electrochemical synthesis; Fe oxides; morphology; nano-powders; properties; structure
3. N. Novaković, Lj. Matović, J. Grbović Novaković, M. Manasijević, N. Ivanović,
AB INITIO STUDY OF MgH₂ FORMATION
Materials Science and Engineering B, 165 (2009) 235-238.
M22 PHYSICS, CONDENSED MATTER (23/62) IF 1.715 (2009)
ISSN 0921-5107
Keywords: hydrogen storage, magnesium hydride, substoichiometric hydrides, ab initio, DFT calculations
4. N. Ivanović, N. Marjanović, J. Grbović Novaković, M. Manasijević, Z. Rakočević, V. Andrić, B. Hadžić
EXPERIMENTAL AND THEORETICAL INVESTIGATIONS OF CURED AND UNCURED DISILOXANE BISBENZOCYCLOBUTENE THIN FILMS
Materials and Manufacturing Processes Vol. 24, pp. 1-5, 2009
M22 ENGINEERING, MANUFACTURING (19/38) IF 0.968 (2009)
ISSN 1042-6914
Keywords: AFM, calculations, curing, disiloxane bisbenzocyclobutene, IR and Raman spectroscopy, thin films

Papers
published in international journals

1. I. Radisavljević, D. Marjanović, N. Novaković, N. Ivanović
STRUCTURAL, ELECTRONIC AND OPTICAL PROPERTIES OF SOME PHENYL OLIGOMERS
Materials Science Forum, Vol. 518, pp. 393-399, 2006.
M23 Nauka o materijalima, multidisciplinarna IF (137/178) 0.399 (2005).
ISSN 0255-5476
Keywords: calculations; electronic and vibrational properties, oligo-phenylenes, torsion angle and

size dependences

2. Lj. Vuličević, N. Ivanović, A. Maričić, A. Vučković, N. Popović, S. Vardić
STRUCTURAL, MAGNETIC, AND ELECTRICAL CHARACTERISTICS OF METASTABLE IRON OXIDE NANO-SIZED POWDERS
Materials Science Forum, Vol. 518, pp. 113-119, 2006.
M23 Nauka o materijalima, multidisciplinarna IF (137/178) 0.399 (2005).
ISSN 0255-5476
Keywords: electrical properties, magnetic iron oxides, magnetic properties, nano-size powders, structure, thermal treatment
 3. I. Radisavljević, D. Marjanović, N. Novaković, N. Ivanović
CHANGES IN STRUCTURE AND PROPERTIES OF OLYGOPHENYLENES UNDER SELECTED EXTERNAL INFLUECES
Materials Science Forum, Vol. 555, pp. 509-515, 2007.
M23 Nauka o materijalima, multidisciplinarna IF (137/178) 0.399 (2005).
ISSN 0255-5476
Keywords: calculations, compression and electric field dependences, electronic and vibrational properties, morphology, phenylene oligomers
 4. Lj. Vuličević, N. Ivanović, N. Popović, V. Kusigerski, M. Srečković, Ž. Tomić, S. Vardić
REDUCTION OF NANOMETRIC MAGNETITE POWDER
Materials Science Forum, Vol. 555, pp. 273-279, 2007.
M23 Nauka o materijalima, multidisciplinarna IF (137/178) 0.399 (2005).
ISSN 0255-5476
Keywords: electrochemical process, hydrogenization, nanometric magnetite, reduction, reoxidation
 5. I. Radisavljević, N. Ivanović, N. Novaković, N. Romčević, H.-E. Mahnke, LOCAL STRUCTURES IN $Pb_{1-x}Mn_xTe$ SYSTEMS,
X-Ray Spectrometry **36**, 150-157 (2007).
M23 SPECTROSCOPY (24/39) IF 1.117 (2007).
ISSN 0049-8246
Keywords: absorption fine-structure, II-VI semiconductors, EXAFS
 6. I. Radisavljević, N. Ivanović, N. Novaković, N. Romčević, H.-E. Mahnke
XAFS STUDIES OF NICKEL-DOPED LEAD TELLURIDE, Physica B: Condensed Matter **404**, 5032–5034 (2009).
M23 [PHYSICS, CONDENSED MATTER](#) (44/62) IF 1.056 (2009).
ISSN 0921-4526
Keywords: lead telluride, impurities, defects, XAFS
 7. Nenad Ivanović, Nikola Novaković, Daniele Colognesi, Ivana Radisavljević, Stanko Ostojić,
ELECTRONIC PRINCIPLES OF SOME TRENDS IN PROPERTIES OF METALLIC HYDRIDES,
International Journal of Modern Physics B **24**, 703-710 (2010).
M23 [PHYSICS, CONDENSED MATTER](#) (52/62) IF 0.558 (2008).
ISSN 0217-9792
Keywords: metal hydrides, Bader analysis
 8. Ivanović, N., Radisavljević, I., Novaković, N., Manasijević, M., Colognesi, D.
CALCULATIONS OF MOLECULAR STRUCTURES AND PROCESSES IMPORTANT FOR HYDROGEN BEHAVIOUR IN THE Li-AMIDE/IMIDE SYSTEM
Acta Physica Polonica A 120(2) (2011) 242-245
- Papers published in international conferences proceedings
1. N. Bundaleski, G. Gligorić, N. Ivanović, Z. Ristić, REIONISATION OF He^+ IONS SINGLY SCATTERED FROM POLYCRYSTALLINE CHROMIUM, Proceedings of the 23rd Summer School and International Symposium on the Physics of Ionized Gases, SPIG 2006, Kopaonik, Serbia, August 28.- September 1., 2006, pp. 163-166.
 2. I. Radisavljević, D. Marjanović, N. Novaković, N. Ivanović, CALCULATIONS OF PROPERTIES OF BENZENE AND OLIGOPHENYLENES UNDER EXTERNAL PRESSURE, Proceedings of the 6th Youth Symposium on Experimental Solid Mechanics, Vrnjačka Banja, Serbia, May 9.-12., 2007., pp. 79-82.
 3. I. Radisavljević, N. Ivanović, N. Novaković, N. Romčević, H.-E. Mahnke, EXAFS STUDIES OF Ga

DOPED $Pb_{1-x}Mn_xTe$, 6th International Conference of the Balkan Physical Union (BPU-6), Istanbul, Turkey, August 22.-26., 2006. AIP Conference Proceedings-April 23, Vol. 899, p.642.

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. I.Radisavljević, N. Novaković, H.-E. Mahnke, N. Romčević, B. Paskaš Mamula, M. Manasijević, N. Ivanović, DETERMINATION OF IRON CHARGE STATE IN QUATERNARY DILUTED MAGNETIC SEMICONDUCTORS, XVIII Symposium on Condensed Matter Physics - SFKM 2011, Belgrade, Serbia, 18-22 April, 2011. Program and the Book of Abstracts, p. 71.
6. N. Novaković, I.Radisavljević, B. Paskaš Mamula, M. Medić, B. Matović, N. Paunović, N. Ivanović, 4th International Conference RADIATION INTERACTION WITH MATERIAL AND ITS USE IN TECHNOLOGIES 2012, Kaunas, Lithuania, May 14-17, 2012. Program and Materials, pp. 209-212. ISSN 1822-508X

Papers published in national conferences proceedings

1. M. Srećković, B. Kaluderović, N. Ivanović, A. Kovačević, D. Družijanić, M. Janičijević, MODELING AND EXPERIMENT IN AREA OF INTERACTION OF CARBON CLOTH MATERIAL WITH VARIOUS LASER TYPES, Proceedings of the 3rd Serbian Congress for Microscopy, September 25-28, 2007, Belgrade, Serbia, pp. 147-148.
2. Lj. Vuličević, N. Ivanović, N. Popović, M. Mitrić, M. Novaković, M. Popović, V. Andrić, D. Babić, STRUCTURE AND MORPHOLOGY OF ELECTROCHEMICALLY SYNTHESISED IRON OXIDES NANO-POWDERS, Proceedings of the 3rd Serbian Congress for Microscopy, September 25-28, 2007, Belgrade, Serbia, pp. 157-158.

Papers presented at international conferences/congresses

1. I Radisavljević, D. Marjanović, N. Novaković, N. Ivanović, CHANGES OF STRUCTURE AND PROPERTIES OF OLIGOPHENYLENES UNDER SELECTED EXTERNAL INFLUENCES, VIII Yugoslav Materials Research Society Conference, YUCOMAT 2006, Herceg Novi, Montenegro, 4.-8. September, 2006. Book of abstracts p. 30.
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