

# Curriculum Vitae



## Personal information

First name(s) / Surname(s)  
Current position  
Affiliation  
Department  
Address(es)  
Telephone(s)  
E-mail  
Date of birth  
Gender

**Mirjana MEDIĆ ILIĆ**

**Research Assistant**

Vinča Institute of Nuclear Sciences, University of Belgrade, Serbia  
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25.05.1983.  
Female

## Education

Dates  
Title of qualification awarded  
Principal subjects/occupational skills covered  
Name and type of organisation providing education and training

Dates  
Title of qualification awarded  
Principal subjects/occupational skills covered  
Name and type of organisation providing education and training

2012  
PhD candidate at Faculty of Physical Chemistry University of Belgrade  
Theme: "The study of the electronic structure and composition of the surfaces of multicomponent semiconductors  $Cd(Zn)_{1-x}Mn(Fe)_xTe_{1-y}(Se, S)_y$ " was approved in 2016  
Faculty of Physical Chemistry University of Belgrade, 12-16, Studentski trg, 11000 Belgrade, Serbia

2011  
Graduate and M.Sc. degree in physical chemistry  
Theme: "Investigation of the structure, electrical and magnetic properties of  $ZnO(Co)$ "  
Faculty of Physical Chemistry University of Belgrade, 12-16, Studentski trg, 11000 Belgrade, Serbia

## Research interests

- ◆ Chemical and electronic surface properties of II–VI semiconductor quaternary systems
- ◆ Data analysis of the XPS spectra using CasaXPS
- ◆ Quantitative XPS data analysis
- ◆ Investigation of the structure, electrical and magnetic properties of II–VI semiconductors using X-ray absorption techniques
- ◆ Ab initio calculations-IFEFFIT

## Citations/ h-index

8 / h=2

## Participation in the national projects

Project title /Dates  
Occupation or position held

Synthesis, processing and characterisation of nanostructural materials for application in energetics, mechanical engineering, environmental protection and biomedicine/2011-  
Researcher

## Participation in the international projects

Project title /Dates  
Occupation or position held

Nanostructured materials for solid state hydrogen storage/2011-2015  
Researcher

Project title /Dates	Local electronic structure of the transition metal (Mn, Fe, Co) doped II-VI based diluted magnetic semiconductors/2013-2014
Occupation or position held	Researcher
<b>Membership in scientific Committees &amp; Boards</b>	<ul style="list-style-type: none"> <li>◆ 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</li> <li>◆ Member of the organizing committee of the <i>3<sup>rd</sup> International Symposium on Materials for Energy Storage and Conversion - mESC-IS 2018</i>, Belgrade, Serbia (10-12.9.2018)</li> </ul>
<b>Memberships in scientific and technical societies</b>	<ul style="list-style-type: none"> <li>◆ Serbian Physical Society</li> <li>◆ Hydrogen storage Initiative Serbia society</li> </ul>
<b>Selected Papers in last 5 years</b>	<ol style="list-style-type: none"> <li>1. N. Bundaleski, I. Radisavljević, N. Ivanović, Z. Rakočević, <b>M. Medić Ilić</b>, N. Romčević, O.M.N.D. Teodoro, <b>Local, electronic and surface structure of multi-component Fe-doped CdTe(S) systems</b>, Surface Science 681 (2019) 76.</li> <li>2. Nenad Bundaleski, Ivana Radisavljević, JoãoTrigueiro, Alexander Tolstogouzov, Zlatko Rakočević, <b>Mirjana Medić</b>, Orlando M.N.D.Teodoro, Nebojša Romčević, Nenad Ivanović, <b>Surface composition of Cd<sub>1-x</sub>Fe(Mn)<sub>x</sub>Te<sub>1-y</sub>Se<sub>y</sub> systems exposed to air</b>, Materials Chemistry and Physics 189 (2017) 35.</li> <li>3. Ivana Radisavljević, Nikola Novaković, Branko Matović, Novica Paunović, <b>Mirjana Medić</b>, Nenad Bundaleski, Velibor Andrić, Orlando M.N.D.Teodoro, <b>Comprehensive studies of structural, electronic and magnetic properties of Zn<sub>0.95</sub>Co<sub>0.05</sub>O nanopowders</b>, Materials Research Bulletin 74 (2016) 78.</li> <li>4. I. Radisavljević, J. Trigueiro, N. Bundaleski, <b>M. Medić</b>, N. Romčević, O.M.N.D.Teodoro, M. Mitrić, N. Ivanović, <b>XAFS and XPS analysis of Zn<sub>0.98</sub>Fe<sub>0.02</sub>Te<sub>0.91</sub>Se<sub>0.09</sub> semiconductor</b>, Journal of Alloys and Compounds 632 (2015) 17.</li> </ol>
<b>Congresses and conferences attended -last 3 years</b>	<ol style="list-style-type: none"> <li>1. B. Paskaš Mamula, B. Kuzmanović, <b>M. Medić Ilić</b>, N. Ivanović, N. Novaković, <b>Bonding in alkali halides and hydrides: a charge topology study</b>, Solid-State Science &amp; Research Meeting, 28-30 June 2017, Zagreb, Croatia, pg.100.</li> <li>2. J. Grbović Novaković, S. Kurko, S. Milošević Govedarović, T. Pantić, B. Paskaš Mamula, <b>M. Medić</b>, N. Novaković, <b>Theoretical and experimental approach to destabilization methods for improvement of hydrogen sorption kinetics in Mg based systems</b> 22nd Conference "New Cryogenic and Isotope Technologies for Energy and Environment" - Băile Govora, Romania, October 24 – 26, 2018 pg. 134-135.</li> </ol>