




PERSONAL  
INFORMATION

**Dušan Ćocić**


 Dimitrija Tucovića 30b, Kragujevac 34000, Serbia

 +381629694515

 [dusan.cocic@pmf.kg.ac.rs](mailto:dusan.cocic@pmf.kg.ac.rs)

Sex Male | Date of birth 06/04/1991 | Nationality Serbian

## WORK EXPERIENCE

08/2017 – present Faculty of Science, University of Kragujevac, Serbia  
 Department of Chemistry, Inorganic Chemistry  
**Position:** Research Associate  
[www.pmf.kg.ac.rs](http://www.pmf.kg.ac.rs)

 EDUCATION AND  
TRAINING

10/2016 – 12/2022 PhD in Chemistry – Inorganic Chemistry  
 Department of Chemistry, Faculty of Science, University of Kragujevac, Serbia  
 Supervisor: Prof. Dr. Biljana V. Petrovic([biljana.petrovic@pmf.kg.ac.rs](mailto:biljana.petrovic@pmf.kg.ac.rs))  
[www.pmf.kg.ac.rs](http://www.pmf.kg.ac.rs)

10/2015 - 10/2016 MSc in Chemistry  
 Department of Chemistry, Faculty of Science, University of Kragujevac, Serbia  
[www.pmf.kg.ac.rs](http://www.pmf.kg.ac.rs)

10/2010 - 07/2015 BSc in Chemistry  
 Department of Chemistry, Faculty of Science, University of Kragujevac,  
 Serbia  
[www.pmf.kg.ac.rs](http://www.pmf.kg.ac.rs)

## PERSONAL SKILLS

Mother tongue(s) Serbian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
German	A2	A2	A2	A2	A2

Communication and  
Organisational skills

▪ Initiative, persistent, communicative, willing to teamwork, competitive, friendly, sociable, responsible, reliable, well-organized

Job-related skills	<ul style="list-style-type: none"><li>▪ good command of general synthetic techniques (including Schlenk line operations, preparative chromatography)</li><li>▪ good command of spectroscopic techniques: UV-Vis, IR spectroscopy, NMR spectroscopy, MS spectrometry, Stopped-flow spectrophotometry, Fluorescence spectroscopy, Potentiometric titration.</li></ul>
Work with students	Courses: Industrial chemistry 1, Inorganic synthesis and methods of characterization, Advanced Inorganic Chemistry, Mechanisms of Inorganic Reactions, Inorganic Chemistry 2, Chemistry of Atmosphere
Computer skills	<ul style="list-style-type: none"><li>▪ OriginPro,</li><li>▪ Gaussian</li><li>▪ Molegro Vitrual Docker</li><li>▪ Chimera</li><li>▪ Multiwfn</li><li>▪ GAMESS (US)</li><li>▪ AIMAll</li><li>▪ CP2K</li><li>▪ Python</li></ul>
Memberships	<ul style="list-style-type: none"><li>▪ Serbian Chemical Society</li></ul>
Scholarship	<ul style="list-style-type: none"><li>▪ EU Erasmus+ Programme KA107 with Partner Countries at Friedrich-Alexander Universität Erlangen-Nürnberg, 2019.</li><li>▪ HPC-Europa3 Transnational Access programme at Prof. Dr. Barbara Kirchner of the Mulliken Centre for Theoretical Chemistry, University of Bonn, 2022. (online).</li><li>▪ Zaozhuang University by invitation of Prof. Dr. Tiesheng Shi and International Office of Zaozhuang University at Collage of Chemistry, Chemical Engineering and Material Science, Zaozhuang University, 2023 (postdock).</li></ul>
Projects	<ul style="list-style-type: none"><li>▪ Ministry of Education, Science and Technological Development of the Republic of Serbia (Agreement No. 451-03-9/2021-14/200378 and 451-03-68/2020-14/200122)</li><li>▪ Simulationen in der molekularen Physik - ein Werkzeug für Forschung und Lehre at Technische Hochschule Nürnberg, Georg Simon Ohm (TH Nürnberg)</li><li>▪ Study on Reaction Mechanisms by Quantum Chemical Methods – Lehrstuhl für Anorganische und Metallorganische Chemie, Universität Erlangen- Nürnberg, Erlangen, Germany, 2023.</li></ul>
Awards	<ul style="list-style-type: none"><li>▪ <i>Excellence in Science</i> by Ministry of Science, Technological Development and Innovation of Serbia, 2023.</li><li>▪ <i>Recognition for exceptional results in scientific research work</i> by Faculty of Science University of Kragujevac, 2023.</li></ul>

## Reference

- Professor Dr. Biljana V. Petrovic,  
University of Kragujevac,  
Faculty of Science, Department of Chemistry,  
R. Domanovica 12, 34000 Kragujevac, Serbia  
Tel.: +381 34 30 02 68  
Fax: +381 34 33 5040  
e-mail: [biljana.petrovic@pmf.kg.ac.rs](mailto:biljana.petrovic@pmf.kg.ac.rs)
  
- PD Dr. Ralph Puchta,  
Friedrich-Alexander Universität Erlangen-Nürnberg,  
Department of Chemistry and Pharmacy, Department: Inorganic and  
Organometallic Chemistry  
Egerlandstr. 1, 91058 Erlangen, Germany  
Tel.: +49 9131 85-27388  
Fax: +49 9131 85-27387  
e-mail: [ralph.puchta@fau.de](mailto:ralph.puchta@fau.de)