

PERSONAL INFORMATION

Mihailo Rabasović

 Pregrevica 118, Belgrade – Zemun, 11080, Serbia

 +381-11-3713-160  +381-64-3636-853

 [rabasovic@ipb.ac.rs](mailto:rabasovic@ipb.ac.rs)

 Skype mihailo.rabasovic

Sex M | Date of birth 31/01/1997 | Nationality Serbian

WORK EXPERIENCE

From 01/01/2003

Research Associate

Institute of Physics Belgrade, University of Belgrade, Pregrevica 118, 11080 Belgrade – Zemun, Serbia, [www.ipb.ac.rs](http://www.ipb.ac.rs)

EDUCATION AND TRAINING

1996 - 2001

B.Sc. in Applied Physics

2001 - 2004

M.Sc. in Physics

2004 - 2007

Ph.D. in Physics

Faculty of Physics, University of Belgrade, Studentski trg 12, 11001 Belgrade, Serbia, [www.ff.bg.ac.rs/Engleski/index\\_eng.html](http://www.ff.bg.ac.rs/Engleski/index_eng.html)

PERSONAL SKILLS

Mother tongue(s) Serbian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user  
[Common European Framework of Reference for Languages](#)

Driving licence B

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 ADDITIONAL INFORMATION

## Publications

- Rui Pan, Ekaterina Zapolnova, Torsten Goltz, Aleksandar J. Krmpot, Mihailo D. Rabasovic, Jovana Petrovic, Vivek Asgekar, Bart Faatz, Franz Tavella, Andrea Perucchi, Sergey Kovalev, Bertram Green, Gianluca Geloni, Takanori Tanikawa, Mikhail Yurkov, Evgeny Schneidmiller, Michael Gensch and Nikola Stojanovic, "Photon diagnostics at the FLASH THz beamline," *Journal of Synchrotron Radiation* 26 (2019) 700
- L. Mancic, A. Djukic-Vukovic, I. Dinic, M. G. Nikolic, M. D. Rabasovic, A. J. Krmpot, A. M.L.M. Costa, D. Trisic, M. Lazarevic, Lj. Mojovic, O. Milosevic, "NIR photo-driven upconversion in NaYF<sub>4</sub>:Yb,Er/PLGA particles for in vitro bioimaging of cancer cells", *Mat. Sci. Eng. C-Bio.* 91, (2018) 597-605
- L. Mancic, A. Djukic-Vukovic, I. Dinic, M. G. Nikolic, M. D. Rabasovic, A. J. Krmpot, A. M.L.M. Costa, D. Trisic, M. Lazarevic, Lj. Mojovic, O. Milosevic, "NIR photo-driven upconversion in NaYF<sub>4</sub>:Yb,Er/PLGA particles for in vitro bioimaging of cancer cells", *Mat. Sci. Eng. C-Bio.* 91, (2018) 597-605 doi: 10.1016/j.msec.2018.05.081
- S. Z. Despotović, N. M. Milićević, D. P. Milošević, N. Despotović, P. Erceg, P. Svorcan, U. Schumacher, S. Ullrich, G. Mihajlović, D. Kalem, S. Marković, I. M. Lalić, A. J. Krmpot, M. D. Rabasovic, D. V. Pantelić, S. Z. Jovanić, T. Rösch, Ž. Milićević, "Remodeling of Extracellular Matrix of the Lamina Propria in the Uninvolved Human Rectal Mucosa 10 cm and 20 cm away from the Malignant Tumor", *Tumor Biol.* 39(7), (2017) 1-10 doi: 10.1177/1010428317711654
- K. Bukara, S. Jovanić, I. T. Drvenica, A. Stančić, V. Ilić, M. D. Rabasović, D. Pantelić, B. Jelenković, B. Bugarski, A. J. Krmpot, "Mapping of hemoglobin in erythrocytes and erythrocyte ghosts using two photon excitation fluorescence microscopy", *J. Biomed. Opt.* 22(2), (2017) 026003 doi: 10.1117/1.JBO.22.2.026003
- M. D. Rabasovic, E. Sisamakias, S. Wennmalm, J. Widengren, "Label-Free Fluctuation Spectroscopy Based on Coherent Anti-Stokes Raman Scattering from Bulk Water Molecules", *ChemPhysChem* 17(7), (2016) 1025 doi: 10.1002/cphc.201501129
- M. D. Rabasović, D. V. Pantelić, B. M. Jelenković, S. B. Ćurčić, M. S. Rabasović, M. D. Vrbica, V. M. Lazović, B. P. M. Ćurčić, A. J. Krmpot, "Nonlinear Microscopy of Chitin and Chitinous Structures: a Case Study of Two Cave-Dwelling Insects", *J. Biomed. Opt.* 20(1), (2015) 016010 doi: 10.1117/1.JBO.20.1.016010