

# Jelena Kršić

Associate laboratory technician



Date of birth: 22.06.1990.

Place of birth: Zenica, Bosnia and Hercegovina

## Contact information

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## Work experience

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### September 2021 – Present

Associate laboratory technician at „VINČA" Institute of Nuclear Sciences - National Institute of the Republic of Serbia, University of Belgrade.

### December 2020 – September 2021

Associate at „VINČA" Institute of Nuclear Sciences - National Institute of the Republic of Serbia, University of Belgrade.

### May 2017 – December 2020

Junior research assistant at „VINČA" Institute of Nuclear Sciences - National Institute of the Republic of Serbia, University of Belgrade.

## Education

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### October 2019 – Present

University of Niš Faculty of Sciences and Mathematics, PhD studies in Physics

### October 2016 – October 2019

Faculty of Physics, University of Belgrade, PhD studies in Physics

### October 2013 – September 2016

Faculty of Physics, University of Belgrade, M.Sc.

Master thesis: „ Spectroscopic determination of the gas temperature in the plasma jet in helium

by means of Van der Waals and resonant spread spectral lines`.

**July 2009 – September 2013**

Faculty of Physics, University of Belgrade, B.Sc.

## Languages

★★★★☆ English

★★☆☆☆ Russian

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## Current research interests

➤ Biomedicine

## Earlier research interests

- Plasma physics and physics of ionized gases,
- Photonics and Lasers
- Fiber-gratings, Waveguide based sensors ,Optical sensors

## Publications

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1. Sergio Benini, Marija D. Ivanovic, Mattia Savardi, Jelena Krsic, Ljupco Hadžievski, Fabio Baronio, „ECG waveform dataset for predicting defibrillation outcome in out-of-hospital cardiac arrested patients`, Data in Brief 34 (2021) 106635 (<https://doi.org/10.1016/j.dib.2020.106635>)

## Projects

January 2017 – June 2020: **Photonics of micro and nanostructured materials, Project III45010, Ministry of Education, Science and Technological Development of Serbia**

January 2018 – January 2019: **JIVE, BMBF Ideenwettbewerb Donaauraum 2015, "Laser micro- and nano-structuring of materials for biomedical sensing"**

