



Jelena I. Mičev

Junior Researcher and PhD Candidate

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Jelena I. Mičev completed her Bachelor's studies in Chemistry at the Faculty of Chemistry, University of Belgrade, in 2020, and her Master's studies at the same faculty in 2021. From 2022 to 2024, she worked as an Operations Engineer at HAGIPS at the Nikola Tesla B Thermal Power Plant, in the Laboratory for Chemical Analysis of Fuels and Combustion Products, where she was involved in the qualitative analysis of domestic and imported coal, as well as in the examination of ash. She enrolled in doctoral studies at the Faculty of Chemistry, University of Belgrade, in 2022. Since 2024, she has been employed as a Junior Researcher at the Institute of Nuclear Sciences "Vinča" - National Institute of the Republic of Serbia, University of Belgrade. Her scientific research is focused on the theoretical and computational investigation of high-energy materials, particularly nitroaromatic compounds, with the aim of understanding the influence of electrostatic potential on the stability, sensitivity, and energetic properties of potential energetic molecules. She is currently engaged in a research topic related to the development of new materials, methods, and protocols in the field of prevention, protection, and effective response to potential CBRNE incidents. She also participates in the implementation of two Horizon Europe projects: "Strengthening CBRNE Talent Development and Cross-Sector Innovation for a Safer Future" - SPARKUP, and "Boosting CBRNE Innovation in Southern CEE: Building a Resilient Ecosystem through Fostering Academy-Industry Collaboration" - GROUNDUP.