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**Research areas**: Nanomaterials, Electrospinning, Optical gas sensors, Resistive gas sensors.
**Research keywords**: Materials with advanced optical properties, photoluminescence, hydrothermal and solvothermal synthesis, characterization and application of nanomaterials, organic, inorganic and hybrid luminophores,

**h-index**: 1 (Scopus@ Aug 2025); 2 (Google Scholar@Aug 2025),
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Viktor Zabolotnii is a Research Assistant at Institute of Atomic Physics and Spectroscopy (ASI), University of Latvia, Riga, Latvia and PhD student at the Faculty of Science and Technology, University of Latvia, Riga, Latvia. He received a master's degree in physics in 2019 at Odessa National I.I. Mechnikov University, Odesa, Ukraine. His research work is focused on development of new materials with advanced optical properties (absorbance, reflectance and photoluminescence) and their applications in gas sensors. These research activities are highly inter- or multidisciplinary, connecting the different fields (engineering, chemistry and physics).
Mr. Zabolotnii is a participant of several national and international projects and have collaborations with institutions and companies within EU.