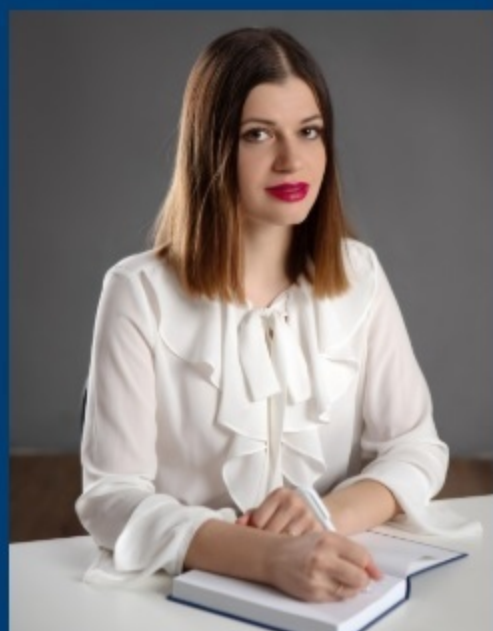


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Date of birth

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Skills

English

Upper-intermediate

Computer and Simulation Skills

Microsoft Office, Adobe Illustrator, Latex,
Matlab, Wolfram Mathematica, Comsol
Multiphysics, CST Microwave Studio

Kseniia V. Baryshnikova graduated with honor from Polytechnical University of St. Petersburg in 2013. She received a PhD degree in optics in 2016 from the ITMO University (St. Petersburg, Russia). Currently, she is a postdoctoral researcher in the international research center of Nanophotonics and Metamaterials in ITMO University. Since 2011 she worked in the field of optics of nanostructures. Her current research interests include multipolar analysis of nanostructures optical response, optical anapole states, topological effects in nanophotonics, tunable and active metamaterials etc.

Experience

2011-02 - 2011-12	Laboratory assistant <i>SHM R&E Center, RAS, St. Petersburg, Russia</i>
2012-10 - 2013-06	Laboratory assistant <i>Ioffe Institute, St. Petersburg, Russia</i>
2013-09 - 2017-04	Research Engineer <i>ITMO University</i>
2017-05 - present	Research fellow <i>ITMO University</i>

Education

2004-09 - 2007-06	Presidential Physics and Mathematics Lyceum №239
2007-09 - 2011-06	Peter the Great Saint-Petersburg Polytechnic University, St. Petersburg, Russia BA in Technical Physics
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Publications

- Baryshnikova, K. V., Smirnova, D. A., Luk'yanchuk, B. S., & Kivshar, Y. S. (2019). Optical Anapoles: Concepts and Applications. *Advanced Optical Materials*, 1801350. [DOI: 10.1002/adom.201801350] <https://onlinelibrary.wiley.com/doi/full/10.1002/adom.201801350> [IF 7.267]
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