



ANTON UTYUSHEV

Master of Physics

🔗 [Google scholar](#)  [Research gate](#)  [Orcid](#)
@ ad.utyushev@gmail.com 📞 +7-923-371-85-09
📍 Saint Petersburg, Russia

2nd year PhD student



EDUCATION

PhD in Physics

ITMO University

📅 2021 – Present 📍 Saint Petersburg, Russia

- Department of Nano-Photonics and Metamaterials,
- Advisor: PhD. Konstantin S Ladytenko

BSc and MSc in Physics

Siberian State University of Science and Technology

📅 2015 – 2021 📍 Krasnoyarsk, Russia

- Department of Physics
- Advisor: Prof. Sergey V Karpov

RESEARCH INTERESTS

Optics Photonics Perovskite Modeling

PUBLICATIONS

6. Lasse K. Sørensen et al. [Plasmonic enhancement of local fields in ultrafine metal nanoparticles](#). The Journal of Physical Chemistry C, 125 (25), 13900–13908, **2021**. (Scopus Q1, IF=4.126, SJR=1.401)
5. Anton D. Utyushev et al. [Collective lattice resonances: Plasmonics and beyond](#). Reviews in Physics, 6, 100051, **2021**. (Scopus Q1, SJR=1.894)
4. Ilia L. Rasskazov et al. [Remarkable predictive power of the modified long wavelength approximation](#). The Journal of Physical Chemistry C, 125 (3), 1963–1971, **2021**. (Scopus Q1, IF=4.126, SJR=1.401)
3. Lasse K. Sørensen et al. [Atomistic description of plasmonic generation in alloys and core shell nanoparticles](#). Physical Chemistry Chemical Physics, 23 (1), 173–185, **2021**. (Scopus Q1, IF=3.676, SJR=1.053)
2. Anton D. Utyushev et al. [Collective lattice resonances in all-dielectric nanostructures under oblique incidence](#). Photonics, 7 (2), 24, **2020**. (WoS Q1, IF=3.14, SJR=0.669)
1. Anton D. Utyushev et al. [Engineering novel tunable optical high-Q nanoparticle array filters for a wide range of wavelengths](#). Optics Express, 28 (2), 1426–1438, **2020**. (Scopus Q1, IF=3.84, SJR=1.394)

SOFT SKILLS

Lumerical FDTD Smuthi Matlab
Mie theory Python COMSOL

APPOINTMENTS

Engineer

ITMO University

📅 2021 – Present 📍 Saint Petersburg

Junior Researcher

Siberian Federal University

📅 2020 – 2021 📍 Krasnoyarsk

Engineer

Siberian Federal University

📅 2019 – 2020 📍 Krasnoyarsk

Laboratory Assistant Researcher

Reshetnev Siberian State University of Science and Technology

📅 2018–2019 📍 Krasnoyarsk

ACTIVITIES

🗨 **Membership:**
the Optical Society of America (OSA)
2019-Present

REFEREES

Advisor: PhD. Alexey A Shcherbakov
@ alexey.shcherbakov@metalab.ifmo.ru
✉ Department of Nano-Photonics and Metamaterials, ITMO University
197101, Saint Petersburg, Russia

Advisor: PhD. Konstantin S Ladytenko
@ k.ladutenko@metalab.ifmo.ru
✉ Department of Nano-Photonics and Metamaterials, ITMO University
197101, Saint Petersburg, Russia

PhD Ilia L Rasskazov
@ irasskaz@ur.rochester.edu
✉ The Institute of Optics, University of Rochester
Rochester, NY 14627, USA