

METANANO SCHOOL

6-10 July 2020

Online



SUMMER SCHOOL ON NANOPHOTONICS AND METAMATERIALS

ITMO University invites you to take part in the Summer School
for **PhDs, master's students, postdocs and researchers.**

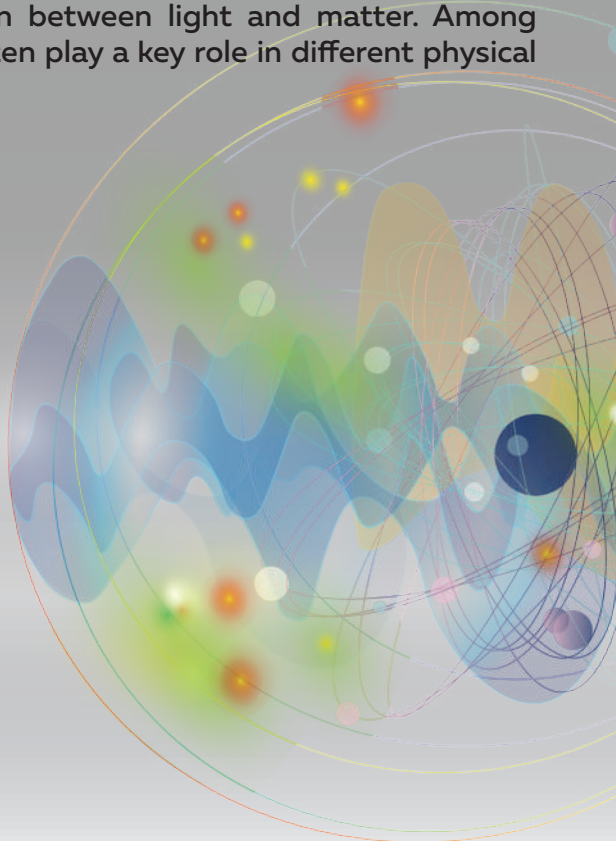
This year the school will be held **online.**
The topic is **Scattering Problems in Photonics.**

Fast internet, telecommunications, precise medical diagnostics, ultrasensitive sensors, and solar energy become possible largely due to the development of optical technology and photonics giving us a deep understanding of the interaction between light and matter. Among others scattering phenomena often play a key role in different physical processes.

The world's best experts will give lectures grouped into a 5-day course on modern theoretical and experimental aspects of scattering in photonics.

The course will start with the fundamentals and cover the latest achievements as well.

The practical classes will help you to get the skills necessary for conducting own scientific research in this exciting area of physics.



APPLICATION TO THE SCHOOL

Selection of the School participants is made on the basis of applicant's CV and motivation letter.

CONFIRMED LECTURERS

Andrey Evlyukhin

Laser Zentrum Hannover E.V.,
Germany

Constantin Simovski

Aalto University, Finland

Alexander Moroz

Wave-Scattering.com,
Czech Republic

Ivan Fernandez-Corbaton

Karlsruhe Institute of Technology,
Germany

Alexander Poddubny

Ioffe Institute, Russia

CREDITS

3 ECTS will be awarded to the students upon successful completion of all the tasks during the School.

BEST POSTER AWARDS

The participants are welcome to present the results of their research during the poster session. The best posters will be awarded.

SCHOOL FEE

Participation in the School is free of charge.

APPLICATION DEADLINE 1 June 2020

school.physics.itmo.ru
summerschool@physics.itmo.ru

