The University of Information Technologies, Mechanics and Optics announces Scholarships for Master’s program in Nanophotonics and Metamaterials

The enrollment for Master’s program in Nanophotonics and Metamaterials for the Fall 2018 is now open! We are glad to announce the scholarship provided by the Department of Nanophotonics and Metamaterials of ITMO University, one of the leading research centers in its field!

Get an education in the field of modern physics!
Educational program

The master program (120 ECTS) gives deep knowledge in fundamental physics and provides hands-on experience in laboratory work, technology, and numerical simulations, which are essential for industry or academy career. The study programs cover the fundamentals of electrodynamics, quantum mechanics, and solid-state physics. The wide range of special courses delivered by young researchers includes up to date courses in nanophotonics, quantum optics, numerical methods, radiophysics, and others. The program involves intensive laboratory studies with the facilities of the centre: optical and radiofrequency instrumentation, laser writing technique, nanotechnology fabrication.

Requirements

• Bachelor’s degree in Physics
• Engineering or relevant field with excellent/good grades
• Upper-intermediate level of English

The Scholarship covers:

• tuition fees and university student accommodation for a period of two years
• a few travel grant, which covers your expenses during coming to Saint Petersburg
• additional living allowance (10 thousand roubles per month) is included into the scholarship
• successful students will be also suggested laboratory assistant positions during their Master’s studies
Scientific work

From the very beginning, students are actively involved in the scientific work of the research centre. They are treated and act not as listeners but as equal members of the research team, which is one of the top-level groups in the field of nanophotonics and metamaterials. Deep dive into the active life of the department will give you fast and effective professional growth at following laboratories:

The Laboratory of Metamaterials
The Laboratory of Nano-Optomechanics
The Laboratory of Light-matter Coupling in Nanostructures
The Laboratory of Applied Radiophysics
The Laboratory of Hybrid Nanophotonics and Metamaterials

Career Perspectives

Our graduates successfully enrol in PhD programs in universities all over the world in the field of physics and engineering. The Department of Nanophotonics and Metamaterials has industrial partners both in Russia or worldwide (Bosch and Samsung).
Links

You can find additional details about the educational program and the research centre here metalab.ifmo.ru/edu/

Apply

Please, send us your CV, Motivation Letter and Recommendation Letter via email edu@metalab.ifmo.ru or contact for any additional information. Please, put the “Master scholarship application” into the title of the email. Application deadline: 1th of May 2018. The results will be announced 20st of May 2018.

Contacts

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