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Лаборатория кристаллофотоники



Кафедра фотоники физического факультета СПбГУ
Photronics department

КАФЕДРА
ФОТОНИКИ
ФИЗИЧЕСКОГО
ФАКУЛЬТЕТА



The Laboratory “Photonics of Crystals” (Лаборатория кристаллофотоники) of the Department of Photonics at the Saint-Petersburg State University (located at Peterhof campus) is seeking to employ young researchers to conduct research in hybrid inorganic-organic crystalline materials, with emphasis on halide perovskite semiconductors. The candidates should have a strong background on Chemistry (Inorganic Chemistry and/or Solid-State Chemistry will be preferred), Materials Science or Geology.

Researchers will be required to perform synthesis of inorganic and coordination compounds, crystal growth and purification of the materials, as well as being involved in crystallographic and spectroscopic analyses of the obtained research results. Candidates will be required to deliver regular research progress reports and participate in the writing of research articles.

Candidates need to have completed the M.Sc. Program (or equivalent) of any nationally or internationally recognized University. Candidacies for both PhD and postdoctoral positions will be considered.

Applications will be available through direct contact with Profs Constantinos C. Stoumpos (cstoumpos@materials.uoc.gr), Alexei Emeline (alexei.emeline@spbu.ru) and Yury Kapitonov (kapiton22@gmail.com). More information is available on the Laboratory “Photonics of Crystals” website (in Russian) at: <https://crystal.spbu.ru/>.