



Press release

Borovkova awarded SPIE Optics and Photonics Education Scholarship

BELLINGHAM, Washington, USA – June 3, 2019 – **Mariia Borovkova** has been awarded a 2019 Optics and Photonics Education Scholarship by SPIE, the international society for optics and photonics, for her potential contributions to the field of optics, photonics or related field.



Borovkova is a PhD candidate at the University of Oulu (Finland) in the framework of the I4Future (Imaging for Future) doctoral program co-funded by the Marie Skłodowska-Curie Actions. Her research interests are optical polarimetric imaging and VIS, SWIR and THz spectroscopy for biomedical diagnostics. Borovkova is working on functional sensing of various biological objects including skin tissue, standard tissue blocks of animal brain tissue with Alzheimer's disease and human cancerous tissues. One of the aims of her research is the development of practical, easy-to-use, cost-effective optical biopsy for the express

pathological screening of tissue samples *in vitro*.

The Society awarded \$298,000 in education scholarships to 84 outstanding SPIE student members, based on their potential contribution to optics and photonics, or a related discipline. Award-winning applicants were evaluated, selected and approved by the SPIE Scholarship Committee, Chaired by SPIE volunteer Jeremy Bos.

Through 2018, SPIE has distributed \$6 million dollars in individual scholarships. This ambitious effort reflects the Society's commitment to education and to the next generation of optical scientists and engineers around the world.

To view other 2019 press releases as they become available go to the [2019 Scholarship Winners page](#) or learn more about [SPIE scholarships](#) on [spie.org](#).

SPIE is the international society for optics and photonics, an educational not-for-profit organization founded in 1955 to advance light-based science, engineering, and technology. The Society serves 257,000 constituents from 173 countries, offering conferences and their published proceedings, continuing education, books, journals, and the SPIE Digital Library. In 2018, SPIE provided more than \$4 million in community support including scholarships and awards, outreach and advocacy programs, travel grants, public policy, and educational resources. www.spie.org.

###

Media contact:

Stacey Crockett

Media Relations Coordinator, SPIE

+1 360-676-3290

staceyc@spie.org