



For immediate release

Babicheva awarded an SPIE Scholarship in Optics and Photonics

BELLINGHAM, Washington, USA – June 15, 2012 – Viktoriia E. Babicheva has been awarded a 2012 Scholarship by SPIE, the international society for optics and photonics for her potential contributions to the field of optics, photonics or related field.



Babicheva is a PhD student at DTU Fotonik, Department of Photonics Engineering, Technical University of Denmark. Her PhD project focuses on the development of a plasmonic modulator based on a metal-insulator-metal waveguide.

Babicheva said, "The direction – active plasmonics – is one of the hottest topics, as it combines semiconductor electronics and nonlinear optics to control the optical properties of different nanodevices. Ultra-fast and ultra-compact nanodevices can be a part of nanophotonic interconnects and serve as a base for next generation of supercomputers and fast internet."

She will use the Scholarship for conference participation as well as to support her collaboration with Purdue University.

SPIE awarded \$350,000 in scholarships to 140 outstanding individuals, 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 Marta de la Fuente.

To date, SPIE has distributed over \$3.3 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.

SPIE scholarships are open to full- and part-time students studying anywhere in the world. All scholarship applications are judged on their own merit based on the experience and education level of the individual student.

To view photos and descriptions of the Scholarship Recipients go to <http://spie.org/x1737.xml>. Contact scholarships@spie.org if you have any questions. Learn more at <http://spie.org/scholarships>.

SPIE is the international society for optics and photonics, a not-for-profit organization founded in 1955 to advance light-based technologies. The Society serves nearly 225,000 constituents from approximately 150 countries, offering conferences, continuing education, books, journals, and a digital library in support of interdisciplinary information exchange, professional growth, and patent precedent. SPIE provided over \$2.7 million in support of education and outreach programs in 2011.

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