



Press release

Gorlach awarded SPIE Optics and Photonics Education Scholarship

BELLINGHAM, Washington, USA – 21 May 2015 – Maxim A. Gorlach has been awarded a 2015 Optics and Photonics Education Scholarship by SPIE, the international society for optics and photonics for his potential contributions to the field of optics, photonics or related field.



Gorlach is a PhD student, advised by Dr. Pavel Belov, in the International Research Centre for Nanophotonics and Metamaterials at the ITMO University (Russian Federation). His research is focused on strong spatial dispersion effects in metamaterials. Metamaterials are artificial structures exhibiting unusual electromagnetic properties. The possibility to tailor their spatially dispersive electromagnetic response provides a novel degree of freedom in Optics. Gorlach is also involved in the study of topological effects in Photonics. “It is a great honor to be awarded an SPIE Optics and Photonics Education Scholarship. I would like to thank Dr. Pavel Belov and Dr. Alexander Poddubny for professional support” said Gorlach.

In 2015 SPIE awarded \$353,000 in education and travel scholarships to 126 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 Cristina Solano.

Through 2014, SPIE has distributed over \$4.5 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 press releases of the scholarship recipients as they become available 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](http://spie.org), a not-for-profit organization founded in 1955 to advance light-based technologies. The Society serves nearly 264,000 constituents from approximately 166 countries, offering conferences, continuing education, books, journals, and a digital library in support of interdisciplinary information exchange, professional networking, and patent precedent. SPIE provided more than \$4 million in support of education and outreach programs in 2014.

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