



Press release

## Lu awarded SPIE Optics and Photonics Education Scholarship

BELLINGHAM, Washington, USA – May 30, 2019 – **Hsuan-Hao Lu** has been awarded a 2019 Optics and Photonics Education Scholarship by SPIE, the international society for optics and photonics, for potential contributions to the field of optics, photonics or related field.



Lu is a PhD student in Electrical and Computer Engineering at Purdue University (USA). He is currently working in Ultrafast Optics and Optical Fiber Communications Lab led by Prof. Andrew Weiner, and conducts collaborative research with Quantum Information Science Group in Oak Ridge National Lab. His work focuses on photonic quantum information processing, and especially the demonstration of quantum frequency processor, capable of performing a variety of high-fidelity operations on frequency qubits.

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](http://www.spie.org).

###

Media contact:

Stacey Crockett

Media Relations Coordinator, SPIE

+1 360-676-3290

[staceyc@spie.org](mailto:staceyc@spie.org)