



Press release

## Yoon awarded SPIE Optics and Photonics Education Scholarship

BELLINGHAM, Washington, USA – June 4, 2019 – **Gwanho Yoon** has been awarded a 2019 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.



Yoon is a PhD student in Mechanical Engineering at Pohang University of Science and Technology (Korea, Republic of). He is currently working in the Nanophotonics Lab led by Prof. Junsuk Rho, and interested in optical metasurfaces. His research aims to develop a specialized electromagnetic wave simulation software of metasurface design based on rigorously-coupled wave analysis, as well as a low cost and high throughput nanofabrication method based on nanoimprint lithography. "I believe my work will be key fundamental techniques for further development and commercialization of metasurfaces leading to paradigm conversion from bulky and heavy optics to compact and light optics," says Yoon.

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)