



Press release
24 May 2024

Bohua Deng awarded an SPIE Optics and Photonics Scholarship

BELLINGHAM, Washington, USA — **Bohua Deng** has been awarded a 2024 Optics and Photonics Scholarship by SPIE, the international society for optics and photonics, for potential contributions to optics, photonics, or a related field.



Deng is a master's student in data science and information technology, with a focus on photonics, at Tsinghua Shenzhen International Graduate School, Tsinghua University (China). She is supervised by **Professor Hongyan Fu** and collaborates with **Professor Chen Chen** at Chongqing University. Deng's current research centers on high-capacity optical wireless communication systems, including the development of advanced modulation techniques and coding strategies to enhance data-transmission quality. She is set to graduate this year and will continue her PhD studies in optical communications “Being part of the SPIE community fills me with gratitude,” said Deng. “I am excited to have the opportunity to inspire other students whose research is related to optics and photonics.”

This month, the Society is awarding \$303,000 in scholarships to 72 outstanding SPIE Student Members, based on their potential contribution to optics and photonics, or a related discipline. Successful applicants were evaluated, selected, and approved by the SPIE Scholarship Committee, chaired by **SPIE Senior Member Brian Primeau**.

Since this program began in 1978, SPIE has distributed more than \$7.5 million dollars in individual scholarships. This ambitious effort reflects the Society's commitment to education as well as to the future generations of optical scientists and engineers around the world.

To view other 2024 scholarship press releases as they become available, please visit the [2024 Scholarship Recipients page](#) or learn more about [SPIE scholarships](#) on spie.org.

SPIE, the international society for optics and photonics, brings engineers, scientists, students, and business professionals together to advance light-based science and technology. The Society, founded in 1955, connects and engages with our global constituency through industry-leading conferences and exhibitions; publications of conference proceedings, books, and journals in the SPIE Digital Library; and career-building opportunities. Over the past five years, SPIE has contributed more than \$24 million to the international optics community through our advocacy and support, including scholarships, educational resources, travel grants, endowed gifts, and public-policy development. www.spie.org.

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