



Press release  
5 June 2023

## Seshadri awarded SPIE Optics and Photonics Education Scholarship

BELLINGHAM, Washington, USA — **Suparna Seshadri** has been awarded a 2023 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.



Seshadri is a PhD student in the Ultrafast Optics and Optical Fiber Communications Laboratory led by Professor Andrew Weiner at Purdue University (USA). Seshadri earned her BTech in Engineering Physics from the Indian Institute of Technology Madras (India). She works on utilizing classical and quantum frequency combs for applications in optical metrology and communication, and her current work centers around realizing quantum communication schemes using frequency-bin quantum states. Outside of her research activities, Seshadri is actively engaged in student activities and outreach programs that promote research in optics and photonics. “I am honored and humbled by this recognition,” said Seshadri. “I am grateful to all my mentors for their invaluable guidance.”

In 2023, the Society is awarding \$293,000 in education scholarships to 72 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 Senior Member Brian Primeau.

Since the program began, SPIE has distributed more than \$7 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 2023 scholarship press releases as they become available, please visit the [2023 Scholarship Winners page](#) or learn more about [SPIE scholarships](#) on [spie.org](http://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 \$22 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](http://www.spie.org).

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