



Press release

Jack Naylor awarded SPIE Optics and Photonics Education Scholarship

BELLINGHAM, Washington, USA – 10 June 2022 – **Jack Naylor** has been awarded a 2022 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.



Naylor is a PhD candidate in the Australian Centre for Field Robotics at the University of Sydney (Australia), supervised by Dr. Donald Dansereau and Dr. Viorela Ila. His research focuses on modelling light to generate neural scene representations from imagery, enabling autonomous systems to map complex environments and localize themselves via implicit computational methods. His broader research interests include robotic perception, remote sensing, and applied artificial intelligence, with particular focus to the space domain. “Outside of my research, I am passionate about engineering communication and outreach in shaping the technology of the future,” said Naylor.

In 2022, the Society is awarding \$293,000 in education scholarships to 78 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 Kate Medicus.

Through 2021, SPIE has distributed over \$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 2022 press releases as they become available go to the [2022 Scholarship Winners 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 \$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.

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