



Press release

## Franchi awarded SPIE Optics and Photonics Education Scholarship

BELLINGHAM, Washington, USA – 21 May 2021 – **Riccardo Franchi** has been awarded a 2021 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.



Franchi is a PhD student in the Nanoscience Laboratory at the University of Trento (Italy) and he is working within the Q@TN joint laboratory of University of Trento, Bruno Kessler Foundation and Istituto Nazionale di Fisica Nucleare. His research interests include the study of integrated structures for the Electric Field Induced Second Order Nonlinearities (EFISON) in silicon, the Lorentz reciprocity breaking and the topological behavior of matrices of non-Hermitian microresonators. Franchi's project is focused on the generation of mid-infrared entangled photons using the EFI-SPDC in silicon waveguide with lateral p-i-n junctions. He currently serves as the Vice President of the SPIE Student Chapter at the University of Trento.

In 2021, the Society is awarding \$298,000 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 2020, 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 2021 press releases as they become available go to the [2021 Scholarship Winners page](#) or learn more about [SPIE scholarships](#) on [spie.org](http://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 more than 255,000 constituents from 183 countries, offering conferences and their published proceedings, continuing education, books, journals, and the SPIE Digital Library. In 2020, SPIE provided more than \$5 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)

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