



Press release

## Nogueira awarded SPIE Optics and Photonics Education Scholarship

BELLINGHAM, Washington, USA – June 12, 2019 – **Marcelo Saito Nogueira** 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.



Nogueira is a PhD student in Physics in Tyndall National Institute at the University College Cork (Ireland). His research involves the development of optical systems for clinical diagnostics and surgical guidance. The aim of his project is extracting biochemical and morphological information of biological tissues using multimodal optical spectroscopy (including reflectance, fluorescence, and Raman spectroscopic methods). Nogueira is interested in development of new photonics techniques for clinical applications and integration of existing optical techniques into medical devices. Other interests include data processing to enhance disease/impairment detection. He has authored/co-authored 9 peer-review articles and 12 conference proceedings and reviewed 8 articles.

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).

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