



Press release

Marvdashti awarded SPIE Optics and Photonics Education Scholarship

BELLINGHAM, Washington, USA – 9 June 2015 – Tahereh Marvdashti has been awarded a 2015 Optics and Photonics Education Scholarship by SPIE, the international society for optics and photonics for her potential contributions to the field of optics, photonics or related field.

Marvdashti is a PhD candidate in the Department of Electrical Engineering at Stanford University (USA). She works under the supervision of Professor Audrey Ellerbee in the Stanford Biomedical Optics Group. Her main interest is in optical coherence tomography (OCT) and its extensions for biomedical applications. Her PhD thesis focuses on machine learning techniques for automated detection of basal cell carcinoma in human skin using polarization sensitive optical coherence tomography (PS-OCT).

In 2015 SPIE awarded \$353,000 in education and travel scholarships to 126 outstanding individuals, 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 Cristina Solano.

Through 2014, SPIE has distributed over \$4.5 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 press releases of the scholarship recipients as they become available go to <http://spie.org/x1737.xml>. Contact scholarships@spie.org if you have any questions. Learn more at <http://spie.org/scholarships>.

[SPIE is the international society for optics and photonics](#), a not-for-profit organization founded in 1955 to advance light-based technologies. The Society serves nearly 264,000 constituents from approximately 166 countries, offering conferences, continuing education, books, journals, and a digital library in support of interdisciplinary information exchange, professional networking, and patent precedent. SPIE provided more than \$4 million in support of education and outreach programs in 2014.

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