



Press release

## Hussein awarded Laser Technology, Engineering and Applications Scholarship

BELLINGHAM, Washington, USA – 18 May 2015 – Amina Hussein has been awarded the 2015 Laser Technology, Engineering and Applications Scholarship by SPIE, the international society for optics and photonics for her potential contributions to the field of laser technology, engineering, applications or related field.



Hussein is pursuing her PhD in Applied Physics in the Center for Ultrafast Optical Sciences at the University of Michigan (USA). Under the supervision of Professor Louise Willingale, she will study the enhancement of relativistic electron heating in picosecond laser-driven accelerators for the generation of high-energy photon beams. She plans to use the award to facilitate collaboration with high-intensity laser facilities around the world, including the John Adams Institute for Accelerator Science at Imperial College London.

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](mailto: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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Media contact:  
Stacey Crockett  
Media Relations Coordinator, SPIE  
+1 360-676-3290  
[staceyc@spie.org](mailto:staceyc@spie.org)