For immediate release

Hussein awarded SPIE Optics and Photonics Education Scholarship

BELLINGHAM, Washington, USA – July 10, 2013 – Amina Hussein has been awarded a 2013 Scholarship by SPIE, the international society for optics and photonics for her potential contributions to the field of optics, photonics, or related field.

Hussein is a graduate student pursuing her Masters and PhD degrees in Nuclear Engineering at Purdue University. Her research focuses on the numerical simulation of plasma material interaction for applications including nuclear fusion and advanced nanolithography. Hussein received her BS with Honors in Physics from McGill University. She performed undergraduate research on laser ablation, for which she authored the paper, “The role of laser wavelength on plasma generation and expansion of ablation plumes in air” in the Journal of Applied Physics. Hussein is the recipient of the 2013 IEEE NPSS Paul Phelps Education Grant.

In 2013 SPIE awarded $351,000 in scholarships to 139 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 Kevin Leonard.

To date, SPIE has distributed over $3.5 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.

SPIE scholarships are open to full- and part-time students studying anywhere in the world. All scholarship applications are judged on their own merit based on the experience and education level of the individual student.

To view photos and descriptions of the Scholarship Recipients 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 235,000 constituents from approximately 155 countries, offering conferences, continuing education, books, journals, and a digital library in support of interdisciplinary information exchange, professional growth, and patent precedent. SPIE provided over $3.2 million in support of education and outreach programs in 2012.

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