



Press release

Xu awarded SPIE BACUS Scholarship

BELLINGHAM, Washington, USA – June 9, 2016 – Xiaqing Xu has been awarded the 2016 BACUS Scholarship by SPIE, the international society for optics and photonics for his potential contributions to the field of micro/nano lithography and fabrication. This scholarship is sponsored by BACUS, the International Technical Group of SPIE dedicated to the advancement of photomask technology.



Xu is a PhD candidate in the Department of Electrical and Computer Engineering at the University of Texas at Austin (USA), where he works under the supervision of Professor David Z. Pan in the UT Design Automation Group. His PhD thesis focuses on physical design and design for manufacturability which tackle emerging lithographic and manufacturing constraints in advanced semiconductor technology nodes. The overarching goal of his PhD research is to enable design-manufacturing co-optimization in extreme IC scaling and beyond.

In 2016 SPIE awarded \$351,000 in education and travel scholarships to 136 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. An additional \$45,000 in travel scholarships will be awarded later this year.

Through 2015, SPIE has distributed \$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, an educational not-for-profit organization founded in 1955 to advance light-based science, engineering, and technology. The Society serves nearly 264,000 constituents from approximately 166 countries, offering conferences and their published proceedings, continuing education, books, journals, and the SPIE Digital Library. In 2015, SPIE provided more than \$5.2 million in support of education and outreach programs. www.spie.org

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