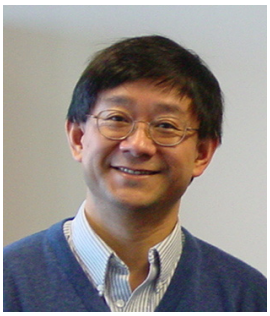
For immediate release

Xi-Cheng Zhang Elected SPIE Fellow



BELLINGHAM, WA, USA — 3 February 2014 -- SPIE will promote 76 new Fellows of the Society this year, to recognize the significant scientific and technical contributions of each in the multidisciplinary fields of optics, photonics, and imaging. SPIE Fellows are honored for their technical achievements and for their service to the general optics community and to SPIE in particular. More than 1,000 SPIE members have become Fellows since the Society's inception in 1955.

The annual recognition of Fellows provides an opportunity for SPIE to acknowledge Members for their outstanding technical contributions and service to SPIE.

Xi-Cheng Zhang, University of Rochester, United States, for pioneering contributions to the advancement of THz science and technology.

Zhang has made pioneering contributions to the advancement of THz science and technology. His research on the generation, sensing, imaging, and applications, from the study of nano-science, remote detection of explosives and illicit drugs to identification of defects in space shuttle foam insulation, have had enormous impact on the global community. His contributions include reporting of THz wave generation from semiconductor surface with a femtosecond laser excitation, demonstration of the use of electro-optic crystals such as ZnTe, a pulsed THz emotter and sampling for free-space THz sensing and imaging, and pioneering THz air photonics and enabling a high-field (>2 MV/cm), broadband (10% bandwidth between 0.1 and 10 THz) THz spectrometer. His research has garnered many honors and awards.

A prolific author, Zhang has 29 US patents issued; authored and co-authored 23 books and book chapters, 300 refereed papers; delivered 400 colloquium, seminars, invited conference presentations, and 200 contributed conference talks. He actively participates in international THz activities and has visited 25 countries for THz conferences, workshops and collaborations.

Zhang is an active Member of SPIE and has chaired numerous SPIE symposiums and workshops worldwide for more than 15 years. He has also given short courses on the field of broadband terahertz sensing and imaging with ultrafast laser pulses for the past 12 years.

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 more than 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 $3.2 million in support of education and outreach programs in 2013.

###

Media Contact:
Stacey Crockett
Media Relations Coordinator
staceyc@spie.org
Tel: +1 360 685 5458

###