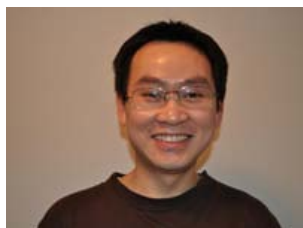




For immediate release

SPIE Awards \$3000 Scholarship to Binh-Minh Nguyen

BELLINGHAM, Washington, USA – May 25, 2010 – SPIE has awarded a \$3000 Educational Scholarship in Optical Science and Engineering to Binh-Minh Nguyen, Northwestern University (Evanston IL USA).



Nguyen is an Electrical Engineering PhD candidate in the Center for Quantum Device (CQD) at Northwestern University. His thesis is part of a project at CQD to develop a novel material, called Type II superlattices, for the infrared detection. Nguyen is investigating the theoretical properties of the novel quantum system; design appropriate device architectures then experimentally fabricate infrared detectors which can outperform currently existed devices.

He invented a new superlattice design called M-structure and new device architectures that brought more than one order of magnitude of improvement in the detector's performance and still holds the world record for this material. He is the author or co-author for three book chapters and has more than 40 scientific papers published in refereed journals and proceedings. Nguyen is recipient of a SPIE 2009 Educational Scholarship in Optical Science and Engineering; and the Edward G. Weston 2010 Summer Fellowship from the Electro Chemical Society (ECS).

In 2010 SPIE will be awarding \$323,000 in scholarships to 137 outstanding students based on their potential for long-range contribution to optics and photonics, or a related discipline. Award-winning applicants were evaluated and approved by the SPIE Scholarship Committee.

For more information on SPIE's scholarship program, visit spie.org/scholarships.

SPIE is the international optics and photonics society, founded in 1955 to advance light-based technologies. Serving more than 188,000 constituents from 138 countries, the Society advances emerging technologies through interdisciplinary information exchange, continuing education, publications, patent precedent, and career and professional growth. SPIE annually organizes and sponsors approximately 25 major technical forums, exhibitions, and education programs in North America, Europe, Asia, and the South Pacific.

#

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