

UNM OSE-ECE and Smart Lighting ERC student is awarded SPIE Student Travel Grant 2013



UNM OSE-ECE and Smart lighting ERC PhD student, **Md. Mottaleb Hossain**, was awarded the prestigious SPIE Student Travel Grant to present his paper titled "Theoretical characteristics of 1.55 μm InN based quantum dot laser" at the SPIE Optics & Photonics Conference, San Diego, CA, USA, August 25-29, 2013. The SPIE Optics & Photonics Conference is the largest optical science and technology meeting in North America. Mr. Hossain was selected for this travel grant by the SPIE and the Symposium and Conference Chairs of the Optics & Photonics Symposium.

Mr. Hossain received the Bachelor of Science (BSc) in Electrical & Electronic Engineering (EEE) from Khulna University of Engineering and Technology (KUET), Bangladesh in 2009. Currently, he is pursuing the Ph.D. degree at the University of New Mexico (UNM) in the Optical Science and Engineering (OSE) Program as an advisee of Professor Majeed M. Hayat. His current research is focused on the design, modeling, and characterization of CMOS compatible silicon avalanche photodiodes (APDs) and integrated plasmonic detectors for smart-lighting applications.

Mr. Hossain has excellent leadership and communication skills and has a strong interest in innovation. He is the Vice President of Optical Society of America (OSA), UNM Student Chapter. He is also an active graduate student member of many professional and learned societies including SPIE, OSA, IEEE, IEEE Photonics Society (IPS), IEEE EDS, and Institution of Engineers, Bangladesh (IEB).

Read more about Mr. Hossain's research, awards, publications, outreach activities, and background at <http://www.unm.edu/~mottaleb77>