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**MEDIA ADVISORY**

Contact:
Sarah Cogan
The Optical Society
202.416.1409
scogan@osa.org

2012 Corning Student Paper Competition Winner Announced

LOS ANGELES, March 6 – The [OSA Foundation](#) and [Corning Incorporated](#) today announced Eric Rodrigue Numkam Fokoua, of the University of South Hampton in the United Kingdom, the 2012 [Corning Outstanding Student Paper Competition](#) winner. Eric was awarded top honors for his paper, titled “Dipole Radiation Model for Surface Roughness Scattering in Hollow-Core Fibers”, which he presented at the Optical Fiber Communication Conference and Exposition/National Fiber Optic Engineers Conference ([OFC/NFOEC](#)) being held this week at the Los Angeles Convention Center. The \$1,500 grand prize and two \$1,000 honorable mentions were presented at the Plenary and Awards Session at OFC/NFOEC.

Eric was one of six finalists selected from more than 360 paper submissions. Submissions were reviewed and scored by the OFC/NFOEC Technical Program Committee, based on standard OFC/NFOEC paper review criteria. Finalists were judged on innovation, research excellence and presentation skills.

“On behalf of OFC/NFOEC I would like to extend congratulations to Eric for his outstanding work,” said Ed Murphy, one of the OFC/NFOEC program chairs. “Eric, along with all of the finalists, produced and presented impressive, high-quality research and I have no doubt he will make significant contributions to the field of optical communications as his promising career progresses.”

This year’s honorable mentions are:

- An Li, *The University of Melbourne, Centre for Energy-Efficient Telecommunications (CEET), Australia*
Paper: **Transmission of 1.63-Tb/s PDM-16 QAM Unique-word DFT-Spread OFDM Signal Over 1,010 km SSMF**
- Nicole Lindenmann, *Karlsruhe Institut of Technology, Germany*
Paper: **Low Loss Photonic Wire Bond Interconnects Enabling 5 TBit/s Data Transmission**

Submissions for the 2013 Corning Outstanding Student Paper Competition will be accepted during the 2013 OFC/NFOEC Call for Papers process.

About the OSA Foundation

The [OSA Foundation](#) (OSAF) was established in 2002 to support philanthropic activities that help further the Optical Society’s ([OSA](#)) mission. The OSAF is concentrating its efforts on programs that provide career and professional development resources and support awards and honors that recognize technical and business excellence. The grants funded by the OSA Foundation are made possible by the generous donations of its supporters as well as the dollar-for-dollar match by OSA. The Foundation is exempt from U.S. federal income taxes under section 501(c)(3) of the Internal Revenue Code and is a public charity. To learn more about the OSA Foundation, please visit www.osa-foundation.org.

About Corning Incorporated

Corning Incorporated (www.corning.com) is the world leader in specialty glass and ceramics. Drawing on more than 150 years of materials science and process engineering knowledge, Corning creates and makes keystone components that enable high-technology systems for consumer electronics, mobile emissions control, telecommunications and life sciences. Our products include glass substrates for LCD televisions, computer monitors and laptops; ceramic substrates and filters for mobile emission control systems; optical fiber, cable, hardware & equipment for telecommunications networks; optical biosensors for drug discovery; and other advanced optics and specialty glass solutions for a number of industries including semiconductor, aerospace, defense, astronomy and metrology.

About OFC/NFOEC

For more than 35 years, the Optical Fiber Communication Conference and Exposition/ National Fiber Optic Engineers Conference (OFC/NFOEC) has been the premier destination for converging breakthrough research and innovation in telecommunications, optical networking and, recently, datacom and computing. Uniting service providers, systems companies, enterprise customers, IT businesses and component manufacturers, along with researchers, engineers and development teams, OFC/NFOEC combines dynamic business programming, an exposition of more than 500 companies and cutting-edge peer-reviewed research into one event that showcases the trends and pulse of the entire optical communications industry.

OFC/NFOEC is managed by the Optical Society (OSA) and co-sponsored by OSA, the Institute of Electrical and Electronics Engineers/Communications Society (IEEE/ComSoc) and the IEEE Photonics Society. Acting as a non-financial technical co-sponsor is Telcordia Technologies, Inc. Visit www.ofcnfoec.org.