

## **OFS to Present Five Technical Papers at BiOS / Photonics West Conferences**

**Norcross, Georgia. 7 February 2015** - OFS, a leading designer, manufacturer, and supplier of innovative fiber optic products will present five papers, one of which is an invited paper, at SPIE's BiOS and Photonics West Conferences located at the Moscone Center in San Francisco, California from 7 through 12 February 2015.

The invited paper will be presented Tuesday, 10 February and is entitled "**New development in optical fiber for data center applications.**" Laser-optimized multimode optical fibers, OM3 and OM4, have been the primary choice of physical media for 10 G serial, 4 x 10 G parallel, 10 x 10 G parallel, and 4 x 25 G parallel optical solutions in IEEE 802.3 standards. As the aggregation speed in data centers increases to 40 Gb/s now, and to 100 Gb/s and 400 Gb/s in coming years, and as future generation data centers require longer reach and greater capacity, new optical fiber design concepts -- including wide band multimode optical fiber and multicore multimode optical fiber -- need to be explored. This talk will review the multitude of fiber optic media being developed in the industry to address the upcoming challenges of datacom growth.

The dates and titles of the 4 remaining papers are as follows:

Saturday, 7 February | 1:30 PM – 3:30 PM

**Multicore optical fiber grating array fabrication for medical sensing applications**

Monday, 9 February | 3:40 PM – 5:20 PM

**High power cladding mode stripper**

Tuesday, 10 February | 3:40 PM – 5:40 PM

**New development in optical fiber for data center applications** (Invited Paper)

Thursday, 12 February | 8:20 AM – 10:10 AM

**2.1 kW single mode continuous wave monolithic fiber laser**

Thursday, 12 February | 3:30 PM – 5:10 PM

**A higher-order mode fiber amplifier with an axicon for output mode conversion**

Mr. R. Steve Allen, OFS Marketing Manager states, "more and more we are asked to develop complicated optical fiber solutions for the industries we serve." Allen continues,

“These five technical presentations are pertinent and extremely useful for the industries and demonstrate our commitment to providing solutions that meet the critical requirements of our customers.”

For more information on all of the presentation by OFS please visit the SPIE [BiOS and Photonics West web site](#). For more information on these and other OFS products, stop by the OFS booth #9023 at BiOS or #1023 at Photonics West or visit [www.ofsoptics.com](http://www.ofsoptics.com).

### **About OFS**

OFS is a world-leading designer, manufacturer and provider of optical fiber, fiber optic cable, connectivity, fiber-to-the-subscriber (FTTX) and specialty photonics products. We provide reliable, cost-effective solutions for a broad range of applications including telecommunications, medicine, industrial automation, sensing, government, aerospace and defense. These products help our customers meet the needs of consumers and businesses, both today and into the future.

Headquartered in Norcross (near Atlanta) Georgia, U.S.A., OFS is a global provider with facilities in China, Denmark, Germany, Russia and the United States. OFS is part of Furukawa Electric Company, a multi-billion dollar leader in optical communications.

Please visit [www.ofsoptics.com](http://www.ofsoptics.com).

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