

OFS to Present Series of Sessions at OFC 2016 Conference

OFC 2016, Booth 2633, Anaheim, California, March 18, 2016 - OFS, a leading designer, manufacturer and supplier of innovative fiber optic network products and solutions will showcase continued technical and industry leadership in a series of events at the annual [OFC Conference](#) to be held at the Anaheim Convention Center, California from 20-24 March 2016.

In addition to multiple invited and contributed technical papers, OFS has contributed to the organization of several workshops and symposia covering a range of topics from optical components to network architecture. In addition, Daryl Inniss, Director of New Business Development for OFS will present at the OSA Executive Forum Panel 2, **Is Integrated Photonics Finally Turning the Corner?**, 21 March from 11:15AM – 12:30PM.

The dates and titles of OFS presentations, technical contributions and industry events are:

Sunday, 20 March 2016 | 3:30 – 6:30PM; Workshop, David DiGiovanni, featured speaker in Part I.

Do we need anything other than the C-Band?

Single-mode silica fibers and erbium doped fiber amplifiers have been the cornerstone of optical communications for decades, but they are now approaching fundamental limits. This workshop aims to look well beyond the immediate short-term horizon and will discuss the need for and potential of more radically new forms of optical fibers and amplifiers. The workshop will bring together fiber and amplifier end-users and manufacturers, glass scientists and network operators to exchange views on the projected requirements for future communications systems and on the anticipated capabilities of alternative fiber and amplifier technologies.

Monday, 21 March 2016 | 1:30 PM – 3:30 PM; Panel, Alan McCurdy, organizer and speaker; Vitaly Mikhailov, speaker

M2F: Field Trials/ Deployments of New Fiber Types

Since the advent of coherent technologies in 2008 (which opened the way to electronically compensating for various impairments, such as dispersion), emphasis has been placed on using standard ITU-T G.652 fiber. But today, with ever-increasing requirements on optical fibers used in data and tele-communications, new fiber types are again starting to be deployed. Experts representing major carriers, fiber manufacturers and users will discuss new ultra-large area, ultra-low loss, hollow-core single-mode and wideband multimode fibers. These advanced fiber types address markets from long-haul communications to financial services and data centers.

Tuesday, 22 March 2016 | 2:45M – 3:00PM; Yi Sun, speaker

Tu2G.3: 51.56 Gb/s SWDM PAM4 Transmission over Next Generation Wide Band Multimode Optical Fiber

OFS will demonstrate 51.5625Gbps PAM4 transmission over ≥ 150 m next generation wide band MMF using SWDM TOSAs from 850 nm to 940 nm indicating an aggregated 206.25 Gb/s speed achievable on a single WBMMF.

Tuesday, 22 March 2016 | 4:30PM – 5:00PM; David Peckham, speaker

Tu3G.1 Cable Performance & Fiber Design for Coherent DWDM

OFS will discuss design principles and properties of large effective area, loss fibers for C+L band transmission. These fibers need to have excellent cabling properties from 1530 to 1610nm.

Tuesday, 22 March 2016 | 4:30PM – 4:45PM; Benyuan Zhu, speaker

Tu3A.1: Single-band Transmission over 2400km Fiber using Complementary Raman/EDFA

OFS Labs team experimentally demonstrated 70nm seamless band transmission of 173x256Gb/s PM-16QAM signals over 2400km of TeraWave™ fiber. The complementary Raman/EDF used to achieve the 34.6Tb/s capacity wide single-band transmission with terrestrial fiber span length.

Wednesday, 23 March 2016 | 8:00AM – 9:45AM; Thierry Taunay, presider

W1F: SDM Fibers

Tuesday, 22 March 2016 | 2:00PM – 4:00PM; Benyuan Zhu, presider

Tu2A: Transmission Experiments I

Thursday, 24 March 2016 | 3:30PM – 5:30PM; Panel, Robert Lingle, moderator

Th4I Deployable Devices and Techno-Economics for Gigabit Access

This panel addresses deployable technologies and the techno-economics of Gigabit access networks, looking at architectures ranging from residential to business applications as well as mobile backhaul and C-RAN front haul. As more operators start to offer Gigabit services, larger deployment volumes are shifting cost/performance numbers significantly. Techno-economic analyses comparing the ITU-T/FSAN GPON family of standards (incl. XG-PON1, NG-PON2 and XGS-PON), IEEE EPON group of standards (incl. 10G-EPON and NG-EPON) and emerging solutions for TWDM-PON enable operators to select the solutions best suited for their needs. Copper-based technologies (DOCSIS 3.1, G.fast) to bridge the remaining distance from fiber to customer will continue to play an important role. The panel also addresses electro-optical components such as lasers, modulators, filters and receivers suited for Gigabit speeds and beyond.

For further detail on all of the presentations and sessions by OFS please visit the [OFC Conference website](#). For more information on these and other OFS products, stop by the OFS booth #2633 or visit www.ofsoptics.com.

About OFS

OFS is a world-leading designer, manufacturer and provider of optical fiber, optical fiber cable, connectivity, FTTX and specialty photonics solutions. Our marketing, sales, manufacturing and research teams provide forward-looking, innovative products and solutions in areas including Telecommunications, Medicine, Industrial Automation, Sensing, Government, Aerospace and Defense applications. We provide reliable, cost effective optical solutions to enable our customers to meet the needs of today's and tomorrow's digital and energy consumers and businesses.

OFS' corporate lineage dates back to 1876 and includes technology powerhouses such as AT&T and Lucent Technologies. Today, OFS is owned by Furukawa Electric, a multi-billion dollar global leader in optical communications.

For more information, please visit www.ofsoptics.com.

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