

## OFS to Present Series of Sessions at FTTH Connect 2016

**FTTH Connect 2016, Booth 306, Nashville, Tennessee, June 8, 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 [FTTH Connect conference](#) to be held June 13 -15, 2016 at the Gaylord Opryland, Nashville, Tennessee.

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

Monday, 13 June 2016 | 8:00 – 9:30AM; Panel Session, John George, moderator

### **Multiple dwelling units (MDU) panel**

*Kick off the 2016 FTTH Connect with an in-depth discussion during the multiple dwelling units (MDU) panel! Superior high speed internet access is one of the amenities most valued by MDU residents. Fiber to each living unit can enable gigabit speeds today and upgrades to 10-gigabit-connectivity in the future, making this the preferred approach to serve residents that are hungry for a higher bandwidth. Google and Hotwire Communications are both currently deploying fiber to MDUs. Join us as representatives from both companies share their perspectives on how to effectively market, sell, and deploy fiber to MDUs.*

Monday, 13 June 2016 | 9:45 – 10:30AM; Technical Session, Mark Boxer and Jeff Bush, presenters

### **FTTH Basics and Network Design**

*This presentation is a comprehensive look at FTTH basics and covers a broad range of topics. The presentation compares FTTH to other available technologies, demonstrates how all aspects of the communications network are using fiber and presents the basic network topology. The presentation starts with the various drivers for FTTx, including a focus on video services including 4K TV. After reviewing the bandwidth demand side, we will review why fiber is an excellent medium. This section will include comparison of the physical attributes of fiber versus other wired media, as well as the benefits to operators for deploying fiber in the network. The next section highlights ways that fiber is deployed in different types of networks, including traditional telco, cable, wireless, and utility networks. Another section includes a description of various fiber architectures, including various types of PON and point-to-point networks. A detailed review of how fiber works then follows and includes an overview of typical components of the FTTX network. The final two sections discuss installation techniques and network design configurations.*

Monday, 13 June 2016 | 1:45 – 3:00PM; Panel Session, Anurag Jain, presenter

### **New Indoor Fiber Solutions**

*FTTH continues to be a growing trend globally from mature markets to developing countries investing in their infrastructure. Several years ago, Fiber-in-the-Home (FITH) technology was introduced to connect the fiber network to indoor ONTs inside subscriber homes or apartments. A version of this technology targets subscribers demanding low visibility of the fiber, in structures without fiber pathways existing behind the wall. This technology allows surface mounting fiber with minimal visual impact inside the living unit, and recently it has been extended to building hallways as well as risers to serve entire MDU buildings with the same benefits, while providing quick installation and fast service turn-up. This seminar will discuss and compare various fiber in the building approaches, and identify the types of buildings for which each approach is optimized. Since every installation has its own unique fingerprint, it is important for providers, network designers, installers, technicians and home owners to understand the options in order to make the best decision. After all, the Fiber is the Network.*

Tuesday, 14 June 2016 | 4:25 – 4:55PM; Quick Tip, Mark Boxer, presenter

**Small Cabling Brings Big Network Benefits**

*Over the past several years, many new technologies have been developed enabling placement of more fibers in smaller packages. Placing more fibers in a smaller space can have many benefits. It can maximize efficiency of precious underground duct space, often avoiding expensive overbuilds. Smaller packages can sometimes mean more aesthetically pleasing installations. In certain situations, smaller packages can provide significant cost savings. This presentation will highlight advances in fibers and cables, especially over the past 1-2 years, to enable higher fiber density in different parts of the network.*

For further detail on all of the presentations and sessions by OFS please visit the [FTTH Connect 2016 website](#). For more information on these and other OFS products, stop by the OFS booth #306 or visit [www.ofsoptics.com](http://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](http://www.ofsoptics.com).

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