



OIF to Demonstrate Multi-Vendor Interoperability at OFC
OIF Hosting Panels on High-Speed Interconnects and Dynamic OTN Networks

Fremont, CA – February 29, 2012 – The OIF is planning a strong presence at OFC/NFOEC this year with a series of panel presentations and multi-vendor interoperability demonstrations. Twenty-two OIF member companies are participating in the public demonstration, *OIF Interoperability 2012 – Enabling High-Speed Dynamic Services* at OFC/NFOEC in Los Angeles, March 6-8th at Booth #713. Tours of the demonstrations will take place daily at the booth at 12:30 pm.

“The interoperability demonstrations of networking and electrical interface technology are an excellent example of the breadth of technology our members support and are improving through their work at OIF,” said Lyndon Ong of Ciena and the OIF’s vice president of marketing. “We also have a strong list of speakers on our OFC panel sessions addressing very timely issues on high-speed interconnects and dynamic OTN networks.”

[OIF Program: Interconnect Challenges](#)

Tuesday, March 6, 2012

11:00am - 12:30pm PST

Expo Theater II

This OIF session investigates and debates multiple solutions for Next Generation Interconnect challenges. Speakers will discuss technical advances in areas such as Fiber Optic cabling, Optical Backplane, SerDes development, 3D integration and line side vs. client side requirements. The OIF 100G interoperability agreements will be showcased including demonstrations of the latest Common Electrical Interface (CEI) agreements.

Moderator: Rod Smith, TE Connectivity; OIF Market Awareness & Education Co-Chair

Speakers:

Sterling Perrin, Heavy Reading, Senior Industry Analyst

Robert Brunner, Ericsson

Edward Frlan, Gennum; OIF PLL Interoperability WG Chair

Torsten Wuth, Nokia Siemens Networks; OIF Physical Layer User Group WG Chair

[OIF Program: Enabling Dynamic Optical Networks](#)

Wednesday, March 7, 2012

10:30am - 12:30pm PST

Expo Theater II

The OIF will investigate the use of the optical control plane to enable dynamic optical network services during this panel. Speakers will discuss recent work on dynamic OTN networks, multi-domain and multi-layer networking and Path Computation Elements and offer their insights on future developments that could support services like Bandwidth on Demand and Network Virtualization. The role of recent OIF interoperability testing of OTN and Ethernet-over-OTN will be discussed.

Speakers:

Hans-Martin Foisel, Deutsche Telekom; OIF Carrier Working Group Chair

Fred Gruman, Fujitsu

Jim Jones, Alcatel-Lucent; OIF President and Interoperability WG Chair

Lyndon Ong, Ciena; OIF VP Marketing

OIF Interoperability 2012

A global network interoperability test of Ethernet services over OTN transport, including data and control plane technology is being hosted by telecom carriers Deutsche Telekom, France Telecom/Orange, KDDI and Verizon. Vendors participating in *OIF Interoperability 2012* include ADVA Optical Networking, Alcatel-Lucent, Ciena, EXFO, Huawei, Marben Products, Metaswitch, and Tellabs. Additional carriers consulting on the network interoperability test include AT&T, China Telecom and NTT.

The OIF's Physical and Link Layer demonstration will showcase interoperability of the Forum's CEI 28G Very Short Reach (VSR) draft implementation agreement that defines chip-to-module electrical interfaces and the OIF's CEI 25G Long Reach (LR) implementation agreement that defines backplane electrical interfaces. The following companies are participating in *OIF Interoperability 2012*; Altera, Amphenol, Fujitsu Optical Components, Gennum, IBM, Inphi, Luxtera, Molex, TE Connectivity and Xilinx. Test equipment used in the demonstration is supplied by Tektronix, Inc.

More information on the interoperability tests can be found at http://www.oiforum.com/public/OIF_at_OFC2012.html

About the OIF

Launched in 1998, the OIF is the first industry group to unite representatives from data and optical networking disciplines, including many of the world's leading carriers, component manufacturers and system vendors. The OIF promotes the development and deployment of interoperable networking solutions and services through the creation of Implementation Agreements (IAs) for optical, interconnect, network processing, component and networking systems technologies. The OIF actively supports and extends the work of standards bodies and industry forums with the goal of promoting worldwide compatibility of optical internetworking products. Information on the OIF can be found at <http://www.oiforum.com>.

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