



**Contact:**

Deborah Porchivina  
Porchivina & Associates Public Relations  
Phone: 415-272-0943  
Email: [deborah@papr.com](mailto:deborah@papr.com)

**OIF'S 2008 COURSE SET BY RESULTS OF WORLDWIDE  
INTEROPERABILITY DEMONSTRATION**

*Joint Workshop with PIF Discusses 100GE and ASON/GMPLS*

**FREMONT, CA – November 29, 2007** – Members of the Optical Internetworking Forum (OIF) reviewed results of its successful 2007 Worldwide Interoperability Demonstration and initiated follow-up work at their year-end meeting in Kobe, Japan earlier this month. Based on the successful demonstration of *On-Demand Ethernet Services* conducted this summer at ECOC 2007, the Forum's technical leadership launched an E-NNI 2.0 Routing Project to address additional routing support for multilayer UNI and E-NNI signaling.

"The OIF is quickly incorporating what we learned during the three-month interoperability testing effort this summer," said Jonathan Sadler of Tellabs and the OIF Architecture & Signaling Working Group chair. "The OIF is continuing to develop control plane capabilities to meet carrier Ethernet service needs through our UNI 2.0 and E-NNI 2.0 implementation agreement work."

The Demo results are available at

[http://www.oiforum.com/public/Networking\\_Demo\\_2007.html](http://www.oiforum.com/public/Networking_Demo_2007.html)

Attendees at the Kobe meeting participated in a joint workshop with the Photonic Internet Forum (PIF), focusing on current optical network research topics, including 100 Gigabit Ethernet and ASON/GMPLS. The workshop included presentations by PIF and OIF representatives with a keynote from Professor Ken-ichi Kitayama of Osaka University, vice-chair of PIF and chair of the PIF Technical Research Committee.

“The 100GE and ASON/GMPLS projects continue to be on the forefront of the work being conducted by the OIF Working Groups,” said OIF president Hans-Martin Foisel of Deutsche Telekom. “We have reached out to other forums and associations and to the overall global market to address the industry’s needs.”

The OIF Software Working Group launched a software interface project to support the Integrable Tunable Laser Assembly (ITLA-MSA). The creation of a Software Application Programming Interface (API) and reference software implementation at the management plane will complement the existing ITLA-MSA that has been developed by the OIF Physical and Link Layer (PLL) Working Group.

“The combined hardware/software solution is more complete and helps tunable laser vendors with shorter time to market, improved interoperability, and improved component interchange options,” said Alex Conta of Transwitch and the OIF Software Working Group Chair. “This software support will allow customers to multi-source among various ITLA vendors.”

OIF members approved *Control Plane Logging and Auditing with Syslog*, a new Implementation Agreement (IA) defining an interoperable method for logging and auditing control plane data based on the IETF Syslog documents. The IA addresses controlling and securing the generation, transport, and storage of log data to enable an auditing capability for the OIF’s UNI and E-NNI. It complements previous OIF IAs on secure transmission of signaling and routing messages from one NE (or its clients, components, or proxies) to another. The IA is available for download at <http://www.oiforum.com/public/documents/OIF-SLG-01.0.pdf>.

## **Documents Published**

As a follow-on to the OIF’s Common Electrical Interface (CEI) project, the Forum has completed studies to develop short test patterns that are representative of typical CEI data traffic. The short stress patterns provide a practical alternative to lengthy Pseudo-Random Binary Sequence (PRBS) test patterns, and facilitate jitter measurement and eye analysis. OIF has published

the CEI Implementation Guide with extensions to the CEI Interoperability Agreement to incorporate the results of this study.

The CEI 2.0 Implementation Guide is available for download at [http://www.oiforum.com/public/documents/OIF\\_IG\\_CEI-02.0.pdf](http://www.oiforum.com/public/documents/OIF_IG_CEI-02.0.pdf) and the CEI Short Stress Patterns White Paper at [http://www.oiforum.com/public/documents/OIF\\_CEI\\_Short\\_Stress\\_Patterns.pdf](http://www.oiforum.com/public/documents/OIF_CEI_Short_Stress_Patterns.pdf)

## **Elections**

Chuck Sannipoli, of IP Infusion was named vice chair of the OIF Technical Committee. Martha Fratt of AT&T, was elected as chair of the Interoperability Working Group – Networking.

## **About the OIF**

Launched in April of 1998, the OIF is the only industry group uniting 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 and component technologies, and optical networking systems. The OIF actively supports and extends the work of national and international standards bodies with the goal of promoting worldwide compatibility of optical internetworking products. Working relationships or formal liaisons have been established with the IEEE 802.3, IETF, ITU-T Study Group 13, ITU-T Study Group 15, IPv6 Forum, MFA Forum, MEF, MVA, ATIS OPTXS, ATIS TMOC, Rapid I/O, TMF, UXPi and the XFP MSA Group. More information on the OIF can be found at [www.oiforum.com](http://www.oiforum.com) <http://www.oiforum.com>.

**###**