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The OIF Hosts 100G Components Showcase at OFC/NFOEC

9 Member Companies to Display 100G Hardware

Fremont, CA – March 4, 2010 – The Optical Internetworking Forum (OIF) is hosting a Components Showcase in Booth #3041 at OFC/NFOEC in San Diego, CA this month. The Components Showcase will display components, modules, and/or other hardware supporting the OIF Physical and Link Layer 100G projects focused on Integrated Photonics Transmitters and Receivers, Forward Error Correction, and Transponders. OIF member companies that will be participating include Fujitsu Optical Components, NEC, NeoPhotonics, Opnext, Picometrix, Sumitomo Osaka Cement, TriQuint Semiconductor, u2t, and Vitesse Semiconductor.

“The OIF is pleased to bring together these member companies, working to develop components based on the OIF 100G projects now being defined,” said Rod Smith, Tyco Electronics and the OIF Market Awareness & Education Committee Co-Chair. “Our members are leading the charge to bring 100G products to market.”

The 100G projects being defined in the OIF cover a number of building blocks for long haul DWDM networks. The Integrated Photonics Transmitter and Receiver projects will define partitioning of photonics sub-components and prepare for a future MSA. The Transponder-Electromechanical project is an MSA for defining a successor to the industry standard 300-pin transponder. The Forward Error Correction project will provide a common basis for a FEC encoder

and recommend an upper limit for coding overhead for the 100G optical long haul DWDM communication space.

In addition, the OIF is presenting a program on “Optical Networking – Delivering on the Promise” in the Service Provider Summit Area on Wednesday, March 24 from 3:15 – 5:15 pm. The following topics will be addressed during the program:

- **Enabling Broadband On-Demand Services** - 3:15-3:45pm

A Review of the OIF 2009 Worldwide Interoperability Demo

Speakers: Vishnu Shukla, Verizon and Lyndon Ong, Ciena and OIF Technical Committee Chair

- **CEI Project Update** - 3:45-4:10pm

The OIF will provide updates and future considerations regarding the Common Electrical Interface CEI-28G SR project, which defines electrical specifications for 28 Gbaud/s signaling for next generation chip-to-chip and chip-to-module applications that support transmission of 100 Gb/s data rates, such as 100 Gigabit Ethernet and OTU4.

Speaker: Dave Stauffer, IBM and OIF Physical and Link Layer Working Group chair

- **Controlling Tomorrow's Optical Networks** - 4:10-4:40pm

The OIF will explain how Carriers' use of the OIF Control Plane Technology simplifies packet/circuit networks.

Speakers: Hans-Martin Foisel, Deutsche Telekom, OIF President and Carrier WG chair and Jim Jones, Alcatel-Lucent, OIF VP of Marketing and Interoperability Working Group chair

- **On the Road to 100G** - 4:40-5:05pm

The OIF will provide an overview of its work on 100G for long distance DWDM networking, and review the latest progress in the areas of integrated photonics and the electro-mechanical characteristics of DWDM transceiver modules.

Speaker: Torsten Wuth, Nokia Siemens Networks and OIF Physical Layer User Group chair

- **Beyond 100G** - 5:05-5:15pm

With work progressing towards delivering the technologies required for widespread deployment of 100G, the OIF has begun discussion on the next step in optical networking. This talk will review the framework for these discussions, including network application domains, constraints, objectives and technology challenges.

Speaker: Joe Berthold, Ciena and OIF 100G Framework Document Editor

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>.