



**LAMBDA OPTICALSYSTEMS TO DEMONSTRATE GMPLS INTEROPERABILITY  
AT IPOP 2006**

**Dr. Payam Torab of Lambda will present a paper on transparent waveband/wavelength switching and GMPLS during the conference**

**RESTON, VA, JUNE 21, 2006** - Lambda OpticalSystems, the leading provider of all-optical switching solutions, today announced that its LambdaNode<sup>™</sup> 3000 Optical Cross Connect (OXC) system will be part of the GMPLS (Generalized Multiprotocol Label Switching) interoperability public demonstration at The International Conference on IP + Optical Networks (iPOP 2006) this week. The LambdaNode 3000 OXC is part of a multi-vendor network at the event and will demonstrate interoperability with high speed core routers and ROADMS (reconfigurable optical add/drop multiplexers), in conjunction with Lambda's partner, Itochu Techno-Science Corporation (CTC).

"We're pleased to be able to demonstrate the ability of the LambdaNode 3000 intelligent OXC to interoperate with several major networking vendors," said Irfan Ali, Lambda's president and CEO. "The LambdaNode 3000 OXC incorporates an all-optical fabric with dynamic GMPLS control plane for metro and long-haul locations, gives carriers faster provisioning of wavelength, waveband or fiber signals, and adds dynamic protection and restoration to static DWDM transport networks."

As part of iPOP 2006 network, the LambdaNode 3000 OXC will demonstrate fast provisioning over multiple networks with interoperability between OXC mesh networks and ROADMs, as well as interoperability between MPLS and GMPLS networks. Adding the LambdaNode 3000 to an existing wave division multiplexing (WDM) network enables carriers to provide intelligent path routing, mesh network protection that make networks more dynamic and survivable. The system is designed to upgrade an existing static, single- or multi-wavelength optical transport network into a dynamic application-driven optical network.

The conference brings together representatives of industry and academia to discuss and share knowledge, findings, and experience in state-of-the-art IP and optical networking technologies. The event will be held at Meiji Kinenkan in Tokyo June 22 and 23.

Payam Torab, Ph.D., systems architect at Lambda OpticalSystems, will present a paper on Thursday, June 23, entitled, "Transparent Waveband/Wavelength Switching and GMPLS." The paper will focus on the CapEx savings and network efficiencies achieved by deploying these technologies.

**About Lambda OpticalSystems**

Based in Reston, Virginia, Lambda OpticalSystems is committed to the development of next-generation all-optical solutions to transform transport networks. The company's family of all-optical switches with integrated DWDM and GMPLS control plane lets telecommunications carriers, government agencies, and research and education networks deliver high-bandwidth services while maximizing network management efficiency and affordability. For more information, call 703-689-9500, ext.1006, or visit [www.lambdaopticalsystems.com](http://www.lambdaopticalsystems.com).



## About CTC

Established in 1972, ITOCHU TECHNO-SCIENCE Corporation (CTC) provides advanced IT solutions to enhance enterprise computer systems. CTC supports such market segments as telecommunications, broadcasting, finance, distribution, manufacturing, education/government, medicine, pharmaceutical/chemicals, and textiles/apparel. CTC has formed partnerships with IT companies worldwide. These partnerships range from those with global multinational IT companies to those with highly focused venture businesses. CTC employs over 3,300 people, and reported fiscal year 2005 revenues exceeding \$2.1 Billion.

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For more information, contact:

Rosanne Desmone

Mt. Vernon PR & Communications

703.799.8165

[rdesmone@mtvernonpr.com](mailto:rdesmone@mtvernonpr.com)