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## **Isocore sponsored first interoperability demonstration of Software-Defined Transport Network (SDTN) during iPOP2012 in Tokyo, Japan**

The 8th International conference on IP+Optical Networks (iPOP2012) sponsored by Isocore was held May 31 to June 1, in Keio University, Kanagawa, Japan. This year in addition to interesting topics such as carrier backbone networks, MPLS-TP, optical network management, inter-cloud networking and SDN (Software Defined Network), iPOP2012 included the first showcase of SDN technologies for transport networks.

“SDN is next generation control technique for Network Virtualization,” said Dr. Kohei Shiimoto, Senior Researcher and Supervisor at NTT R&D Labs. “These experiments, validations and showcases are important steps towards real deployment of SDN technologies for transport.”

As one of technical topics in iPOP2012, the SDN for transport network was actively discussed in terms of use cases and control interfaces. In particular, NTT and KDDI Labs (both carrier/service provider member of Isocore), NEC, and Juniper Networks (both member of Isocore), TOYO (Test equipment vendor, member of Isocore) and Keio University (member of Isocore) and Hitachi (system vendor, non-member), participated in this showcase. The topology consisted of five domains which were separately managed by different controllers such as OpenFlow controller (OFC) ver1.0, OFC ver1.1 and GMPLS controller. Details can be found at <http://www.pilab.jp/ipop2012/exhibition/showcase.html>

Isocore which has recently announced the complete program for MPLS 2012 (to be held October 28-31 in Washington DC) and SDN and Inter-Cloud Summit (to be held November 1) has announced further plans for SDN showcase with real use cases as part of its leading-edge code testing.

### About Isocore

Isocore provides technology validation, certification and product evaluation services in emerging and next generation Internet and wireless technologies. Major router and switch vendors, Service Providers, and test equipment suppliers participate in Isocore activities. Isocore has major offices in the USA (Washington DC area), Europe (Paris, France) and Asia (Tokyo, Japan).

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