

Wednesday, Oct 31st

DAY 4 TECHNICAL SESSIONS

9 - 10:30am

Optical and Ethernet Networks

Chair: NAOKI YAMANAKA Keio

- **MPLS Access Aggregation in ROADM-Based Optical Networks**, DON O'CONNOR, *Fujitsu*
- **GMPLS OAM: Requirements Challenges and Solutions**, ZAFAR ALI, *Cisco*
- **Path Computation Element (PCE) Applicability to GMPLS-Based Network Operation**, ICHIRO INOUE, KAORI SHIMIZU, TOMONORI TAKEDA, EIJI OKI, KOHEI SHIOMOTO, *NTT*
- **L2SC Inter-Carrier Interface Interoperability Trial**, HIDEKI OTSUKI, *NICT*, DAISUKE ISHII, *Keio*, TOMOHIRO OTANI, *KDDI*
- **IP Optical Networking**, KOHEI SHIOMOTO, ICHIRO INOUE, EIJI OKI, *NTT*

BREAK & EXHIBITS

11am - 12:30pm

MPLS Aggregation and Wireless Mobility

Chair: DEBORAH BRUNGDAR AT&T

- **Challenging the Equilibrium: The Introduction of New Packet-Based Networks and Micro Base Stations**, KARTHIK MUTHUKRISHNAN, *Alcatel-Lucent*
- **Use Cases and Challenges for MS-PW in Mobile Backhauling**, FREDERIC JOUNAY, *France Telecom Orange Group*
- **Deploying MPLS in WiMAX and Mobile LTE**, ESMAEL DINAN, *Sprint*
- **Boosting Capacity Utilization in MPLS Networks Using Load-Sharing**, SANJAY KHANNA, *Foundry Networks*

LUNCH & EXHIBITS

2 - 3:30pm

Carrier Ethernet Operation and Management

Chair: MUSTAPHA AISSAOUI

- **VPLS OAM Options**, MARC LASSERRE, *Alcatel-Lucent*
- **Evaluating Carrier-Class Ethernet Services and Infrastructure**, TED DUFFY, *Agilent Technologies*
- **Benchmarking Carrier Ethernet Services**, MIKE HAUGH, *Ixia*
- **Ethernet and MPLS OAM - Comparison and Synergy**, DINESH MOHAN, *Nortel*
- **VCAT/LCAS Control Architecture for Carrier Grade Ethernet Services - Service, Architecture, and Requirements**, W. IMAJUKU, Y. TSUKISHIMA, Y. SONE, *NTT*

ABOUT ISOCORE

Isocore is leading validation and interoperability of novel technologies including Carrier Ethernet, IPv6, IP Optical Integration, wireless backhauling and Layer 2/3 Virtual Private Networks (VPNs), and currently focuses on IPTV service deployment architecture validation and design. Major router and switch vendors, service providers, and test equipment suppliers participate in Isocore activities. Isocore has major offices in the U.S., Europe and Asia.

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10TH ANNIVERSARY

MPLS

2007

WbT2

OCT 28 - 31

OMNI SHOREHAM HOTEL

WASHINGTON DC

OMNI SHOREHAM HOTEL



Sunday, Oct 28th

DAY 1

TUTORIALS

11am - 12:45pm

- 1 **Multicast in MPLS/VPLS Networks**
DR. YAKOV REKHTER, *Juniper Networks* and
MATTHEW BOCCI, *Alcatel-Lucent*

2 - 3:45pm

- 2 **IP/MPLS for Next Generation Mobile Wireless Networks**
KIREETI KOMPELLA and MALLIK TATIPAMULA,
Juniper Networks

4 - 5:45pm

- 3 **Broadband Access and Subscriber Management in Next Generation Internet**
AZHAR SAYEED, et al., *Cisco*

Thursday, Nov 1st

DAY 5 INTEROPERABILITY DEMO

11am

The MPLS2007 Public Interoperability Demonstration will take place at the Isocore Internetworking Lab. MPLS International Conference was the first conference to start the public interoperability demonstration focusing on advanced next generation technologies. Major Service Providers and Network equipment manufacturers have been part of these interop demonstration showcasing state of the art services in a large multi-vendor network. This year once again Isocore Internetworking Lab is planning a big technology showcase in conjunction with MPLS 2007 International Conference keeping the tradition, and long term commitment to its attendees to demonstrate hot technologies in a live lab environment. This is a must witness event for all the attendees, especially, when Isocore Internetworking Lab is perfectly located on Dulles Access Toll road on the way to Washington Dulles International Airport. Plan your return travel considering this must attend event on November 1st, 2007 at Isocore Internetworking Lab. For registration, please email to demo-invite@isocore.com.

Isocore Internetworking Lab
12359 Sunrise Valley Drive, Suite 100, Reston, VA 20191



Monday, Oct 29th

DAY 2

TECHNICAL SESSIONS

9 - 10:30am

Opening Session

Chair:
BIJAN
JABBARI

- **Introduction - Reflections on the Development of MPLS**
BIJAN JABBARI, *Isocore*
- **Opening Speech**, KOU MIYAKE, *NTT* and LOA ANDERSSON, *Acreo*
- **Keynote Speech: TI's MPLS Strategy**, STEFANO NOCENTINI, *Telecom Italia*
- **Invited Talk: MPLS - How Far Can it Go?**, BRUCE DAVIE, *Cisco*

BREAK & EXHIBITS

11am - 12:30pm

Trends In Service Providers Network Infrastructure

Chair:
DAVE
MCDYSAN
Verizon

- **Control Segmentation Using Logical Routers: Concepts, Issues, and Applications**, DANIEL AWDUCHE, *Verizon Business*
- **Linear Video Channels Distribution Over RSVP-Based PSMP in the Core and PIM-SSM at the Distribution Layer**
MAZEN KHADDAM, *Cox Communications*
- **Next Generation Wide Area Networking**, CHRIS NABINGER, *Masergy Communications*
- **Complexity and SP Core Networks: Can "Simple" Architecture Save Money?**
LUCA MARTINI, *Cisco*

LUNCH & EXHIBITS

2 - 3:30pm

MPLS Scalability For Growing Services

Chair:
LOA
ANDERSSON
Acreo and *IETF MPLS WG Chair*

- **Scaling MPLS**, GEORGE SWALLOW, *IETF MPLS WG Co-Chair* and *Cisco*
- **Techniques For Scaling LDP**, KIREETI KOMPELLA, *Juniper Networks*
- **MPLS-TE Doesn't Scale!**, ADRIAN FAREEL, *IETF MPLS WGs* and *Old Dog Consulting*
- **Breaking Through the MPLS VPN Management Scalability Barrier**, CENGIZ ALAETTINOGLU, *Packet Design*

BREAK & EXHIBITS

4 - 5pm

Deploying Resilient Business Services

Chair:
TOMOHIRO
OTANI
KDDI

- **Restoration and Reliability for MPLS-Based Business Services**, SUNIL KHANDEKAR, *Alcatel-Lucent*
- **High Availability in VPLS Services**, MARC RAPOPORT, *Redback Networks*
- **Network Resilience - From Fast Failure Detection to Self Healing Networks**, INA MINEI, *Juniper Networks*

5 - 6pm

Panel: Challenges and Opportunities for Service Interconnection - Ready for "Next Generation?"

Chair:
MONIQUE MARROW,
IPSphere Forum and
Cisco

- **Panelists will be from SPs, Enterprise, MFA, IPSF and Vendor Community**
NABIL BITAR, *Verizon*
RON BONICA, *IPSF* and *Juniper Networks*
MATTHEW FORD, *BT*
FREDERICO LIMA, *Visa*
JOHN MURPHY, *UTC*
TATSUO SATA, *KDDI*

RECEPTION — hosted by — Packet Design

6 - 7:30pm — EXHIBITS

Tuesday, Oct 30th

DAY 3

TECHNICAL SESSIONS

9 - 10:30am

MPLS and Carrier Ethernet

Chair:
GILES HERON
BT

- **Invited Talk: Towards MPLS/Ethernet-Based Transport**, YAKOV REKHTER, *Juniper Networks*
- **Service Provider Choices for Ethernet Services**, ANDY MALIS, *Verizon Business*
- **Unwanted Traffic**, LOA ANDERSSON, *Acreo*

BREAK & EXHIBITS

11am - 12:30pm

Carrier Ethernet Services

Chair:
DANIEL AWDUCHE
Verizon Business

- **Evolution of Ethernet PBB and PBT**, DON FEDYK, *Nortel*, and ALAN MCGUIRE, *BT*
- **Carrier/Metro Ethernet Solutions**, LUYUAN FANG, *Cisco*
- **Pseudowires and Carrier Transport - A Path to Lower Network Costs**, TOM RARICK, *Tellabs*
- **Using CFM-802.1ag to Improve Fault Detection, Recovery and Management of IP/MPLS Networks**, RISHI MEHTA, *Redback Networks*

LUNCH & EXHIBITS

2 - 3:30pm

MPLS Performance

Chair:
HOWARD GREEN
Ericsson

- **Toward a Standard For Multicast in BGP/MPLS VPNs**, T. MORIN, *France Telecom Orange Group*
- **RSVP CAC for VoD Over IP/MPLS Networks**, JAVED ASGHAR, FRANCOIS LE FAUCHEUR, *Cisco*
- **Unveiling First Implementations of Application-Centric SLA's in MPLS VPN's**, FRANK LYONNET, *Ipanema Technologies*
- **Measuring and Estimating Traffic Matrices in MPLS Networks**, ARMAN MAGBOULEH and THOMAS TELKAMP, *Cariden*

BREAK & EXHIBITS

4 - 5pm

Service Provider Experience with IPTV Triple Play Services

Chair:
JEAN LOUIS
LE ROUX
FT Group

- **Comparing MPLS and Ethernet Based Backbone Transport for Triple Play Services: A Service Provider's Perspective**, THOMAS BECKHAUS, NICOLAI LEYMAN, *Deutsche Telekom*
- **Multicast L3VPN Service Experience of Using BGP P2MP**, SATORU MATSUSHIMA, *Softbank Telecom*
- **KDDI's Vision on Future Media Transport Network Architecture Based on MPLS**, KENICHI OGAKI, SHUNTARO KASHIHARA, JUN MIURA, and TOMOHIRO OTANI, *KDDI*

5 - 6pm

Vendor Panel Session: Carrier Ethernet Services

Chair:
DAVE
MCDYSAN
Verizon

- **Panelists from selected Vendors**
AZHAR SAYEED, *Cisco*
HIDET SUGIYAMA, *Juniper Networks*
MARK BLUMHARDT, *Alcatel-Lucent*
PETER ARBERG, *Redback Networks*
GREG NEHIB, *Fujitsu*
AHMED ABDELHALIM, *Foundry Networks*
HOWARD GREEN, *Ericsson*
GILES HERON, *Tellabs*
DAVE ALLEN, *Nortel*

6 - 7:30pm — EXHIBITS