



**PACKET-OPTICAL  
TRANSPORT NETWORKING**  
15-17th November 2010 | Berlin

NEW!  
Official Broadband  
Forum  
MPLS-TP Tutorial

Packet-optical integration is a key strategic issue. Service providers need to make the right choices  
Deutsche Telekom

LEAD OPERATOR  
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EVENTS & TRAINING

### **Setting the strategy for 2020: P-OTN, MPLS-TP and Ethernet innovation**

Event website: [www.layer123.com/p-otn](http://www.layer123.com/p-otn)

Draft agenda: [www.layer123.com/index.php?page=p-otn-agenda-at-a-glance](http://www.layer123.com/index.php?page=p-otn-agenda-at-a-glance)

Early brochure: [www.layer123.com/download&doc=Agenda-NG\\_Optical\\_Packet\\_Transport\\_Network](http://www.layer123.com/download&doc=Agenda-NG_Optical_Packet_Transport_Network)

### **Call For Proposals**

Join your peers in the industry and shape the future of carrier networks at the first **Packet-Optical Transport Networking**, hosted by Layer123 and The Broadband Forum.

The timing for this inaugural conference could not be better, and it will be the ideal occasion to debate the future architecture of Packet-Optical networks for the coming decade. Over the next 6 months, key MPLS-TP architectural and protocol standards are targeted for completion by IETF and ITU-T, after many years of challenging technical and commercial debate.

The Broadband Forum invites proposals from interested experts and professionals who wish to participate and take a leading, speaking or contributing role in presentations, panel debates and roundtables. Please submit the following details to: Rob Jones, Layer123 – [rjones@layer123.com](mailto:rjones@layer123.com)

**Speaker, Position, Company, Title and 100-150 word summary of your presentation**, being sure to highlight new or unique aspects that you believe are particularly topical.  
If you wish to contribute in another way at the event, please make your proposal in the same way.

All proposals will be received by the conference steering committee (chair: Robin Mersh, CEO, The Broadband Forum), and peer-reviewed in confidence by Broadband Forum experts in order to help ensure a quality event. Proposals may receive feedback to improve topicality, reduce duplication of subject matter, increase relevance, etc. Proposals will be assessed on both technical and commercial criteria. Submission of proposals does not guarantee a speaking slot. Layer123 will also invite presentations from selected industry executives, distinguished experts and network professionals. All aspects of the final agenda and speaker confirmation are managed by Layer123. Standard Layer123 terms and conditions of participation apply; details on request.

Please apply early: we expect to be oversubscribed and in cases of equal merit, earlier proposals will be preferred. Thank you in advance and we look forward to hearing from you.

## Scope of Conference Topics

This list is not intended to be exhaustive, nor technically specific. It is intended to stimulate thought and/or provide confirmation of areas that are considered topical. Case studies from operators or businesses are particularly appreciated, as is a focus on MPLS-TP.

The shape of Packet-Optical networks in 2020 – what’s the evolution path?  
Strategic issues facing service providers and how P-OTN can address those  
Practical options for MPLS-TP deployment using new IETF, CCSA and ITU-T standards  
MPLS-TP as the long-awaited replacement for SDH/SONET – or is this the wrong objective?  
MPLS-TP/MPLS interoperability challenges and mitigating them by network design  
How will the different requirements and proposals for MPLS-TP OAM be finally resolved?  
Key standards developments, and open gaps and issues that need to be resolved  
Deployment scenarios for MPLS-TP – where will it be first applied and why?  
Applying MPLS-TP to large-scale mobile backhaul networks  
Integrating MPLS-TP and Optical approaches for fixed and mobile network transformation  
Migration of legacy networks and services using MPLS-TP as a new platform  
Designing and deploying an end-to-end MPLS solution for simplified operations  
Key challenges in keeping network complexity under control to meet operational needs  
Drivers, origins and likely development of P-OTN technology and solutions.  
Demands on the network from new business applications, services and ICT architectures  
Key issues in evolving from today's heterogeneous mixed-technology networks  
Timing and Synchronisation in Packet networks: requirements, challenges and solutions  
Improving network operations by applying GMPLS to Packet-Optical networks  
Is “router bypass” an effective and practical network architectural approach?  
Role of circuit-switched OTN architecture in the future packet network  
Ethernet alternatives have faded away, what is their role in future transport networks?  
Management and OAM requirements from large-scale carrier networks  
Role of OTN in scaling the NGN for massive capacity  
What economic and capacity benefits can be demonstrated by IP over WDM architectures?  
What role will ODUflex play in improving total network efficiency?

This best of breed conference provides a uniquely focused forum to examine this new vision, uncluttered by history and bringing the best of packet and the best of optical together, to formulate a wider understanding of the future Packet-Optical Transport Network.