



Broadband Forum

Broadband **A**cceleration **S**eminar

NG-PON2 Roadmap and Evolution –
A Universal Platform for Residential, Business,
and Wireless/5G?

OFC, San Diego – Thursday March 7, 2019
Thank You to the sponsors of this event:



Agenda and Schedule

Introduction and Welcome

8:00 - 8:05 *Bernd Hesse, BAsE Series Chair and Broadband Forum Board Member*
Geoff Burke, CMO, Broadband Forum

Keynote

8:05 – 8:25 **NG-PON2 enabling the services of tomorrow!**
Glenn Wellbrock, Director Optical Transport, Design, and Planning, Verizon

Segment 1: Worldwide Access Market Overview

8:25 – 8:45 **The Next-Gen Access Ecosystem and Market: Technologies, Applications and Vendors**
Julie Kunstler, Principal Analyst, OVUM

8:45 – 9:05 **The Future of Fiber**
Kevin Morgan, Chairman, Fiber Broadband Association, USA

9:05 – 9:25	The role of fixed optical networking and the opportunities from joint FTTH/A co-deployment in the new 5G era <i>Ioannis Tomkos, Research Director, Next Generation Networks, AIT Greece</i>
9:25 – 9:45	Status of Higher Speed PON in ITU-T Standards <i>Hal Roberts, Sen. System Architect, Calix</i>
9:45 – 10:05	Verizon's NG-PON2 Deployment Update <i>Rajesh Yadav, Associate Fellow, Verizon</i>
10:05 – 10:25	NG-PON2 and beyond <i>Hongseok Shin, Senior Manager, SK Telecom</i>
10:25 – 10:40	Segment 1 panel discussion and audience Q&A moderated by <i>Kevin Foster, Chairman, Broadband Forum</i>
10:40 – 10:45	Break
Segment 2: Component Market Update	
10:45 – 11:05	Tunable SFP+ ONU with MAC at NG-PON2 prompts technology proliferation and aides 5G NR networks. <i>Ben Hur, Sen. Managing Director, Lightron</i>
11:05– 11:25	Recent update on ONU optics for NG-PON2 <i>Wei-Ping Huang, Founder & Chief Scientist, Hisense Broadband Multimedia</i>
11:25– 11:45	NG-PON2 direct modulation-based optics status and evolution path <i>Antonio Teixeira, CTO & Founder, Pic Advanced</i>
11:45 – 12:05	Quasi-Coherent Receiver with Built- in CD compensation for 20 km transmission at 25 Gbps and 80 km transmission at 10 Gbps <i>Jesper Bevensen, CTO & Founder, Bifrost Communications</i>
12:05 – 12:20	Segment 2 panel discussion and audience Q&A moderated by <i>Ioannis Tomkos, Research Director, AIT Greece</i>
12:20 – 12:45	Lunch (Brownbag) – working session The Physical Layer Challenge: A Holistic View for Successful NG-PON2 Deployment <i>David Chen, CTO, Go!Foton</i>
Segment 3: Ecosystem Overviews & Best Practices	
12:45 – 13:05	A 5G Perspective... from someone that doesn't build radios <i>Alan Diccio, Solutions Marketing Senior Director and Thought Leader, Calix</i>

13:05 – 13:25	Enhancing the FTTP business case with Hybrid Access <i>Paul Evans, CEO, Hybrid Access Solutions</i>
13:25 – 13:45	5G & Passive Optical Networking <i>Kara Mullaley, Optical Network Architect, Corning</i>
13:45 – 14:05	Wavelength channel bonding in NG-PON2 and beyond <i>Denis Khotimsky, DMTS, Verizon</i>
14:05 – 14:25	Simplifying Access Infrastructure with Super-PON <i>Claudio DeSanti, System Architect, Google</i>
14:25 – 14:40	Segment 3 panel discussion and audience Q&A moderated by moderated by <i>Bernd Hesse, Chairman NG-PON2 Council and BASE</i>
14:40 – 14:45	Break
Segment 4: Integration and Applications	
14:45 – 15:05	NG-PON2 Wavelength Mobility <i>Zigmunds Putnins, DMTS, Verizon</i>
15:05 – 15:25	Driving service convergence through next-generation PON <i>Robert Conger, CTO Americas, Adtran</i>
15:25 – 15:45	Impact of 5G on Fiber Networks <i>David Hoelscher, Director Chief Transformation Office, Huawei</i>
15:45 – 16:05	NG-PON 2 Solution Use Cases: The Early Winners <i>DQ Li, Director of Product Management, DASAN Zhong Solutions</i>
16:05 – 16:25	Optical Solutions Optimized for 5G Transport and Multi Service Access <i>Ronald Heron, Chief Strategist CTO Office, Nokia</i>
16:25 – 16:45	Your 5G Network needs 5G Transport <i>Michael Gronovius, Business Development Director, Ericsson</i>
16:45 – 17:00	Segment 4 panel discussion and audience Q&A moderated by moderated by <i>Geoff Burke, CMO, Broadband Forum</i>