



Broadband Forum Broadband Acceleration Seminar

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:



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**
Lisa R. Youngers, President and CEO, Fiber Broadband Association

9:05 – 9:25 **The role of fixed optical networking and the opportunities from joint FTTH/A co-deployment in the new 5G era**
Ioannis Tomkos, Research Director, Next Generation Networks, AIT Greece

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	10 Gigabit Internet service by SK Broadband <i>Choongbok Lee, Manager, SK Broadband</i>
10:25 – 10:40	Segment 1 panel discussion and audience Q&A moderated by Kevin Foster Chairman BBF
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 Bevense, CTO & Founder, Bifrost Communications</i>
12:05 – 12:20	Segment 2 panel discussion and audience Q&A moderated by Ioannis Tomkos, Managing Director AIT Greece
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**
Paul Evans, CEO, Hybrid Access Technologies
- 13:25 – 13:45 **5G & Passive Optical Networking**
Kara Mullaley, Optical Network Architect, Corning
- 13:45 – 14:05 **Wavelength channel bonding in NG-PON2 and beyond**
Denis Khotimsky, Associate Fellow, Verizon
- 14:05 – 14:25 **Simplifying Access Infrastructure with Super-PON**
Claudio DeSanti, System Architect, Google
- 14:25 – 14:40 **Segment 3 panel discussion and audience Q&A moderated by moderated by**
Lisa R. Youngers, CEO Fiber Broadband Association
- 14:40 – 14:45 Break
- Segment 4: Integration and Applications**
- 14:45 – 15:05 **NG-PON2 Wavelength Mobility**
Ziggi Putnins, DMTS, Verizon
- 15:05 – 15:25 **Driving service convergence through next-generation PON**
Robert Conger, CTO Americas, Adtran
- 15:25 – 15:45 **Impact of 5G on Fiber Networks**
Fernando Jimenez, Director Chief Transformation Office, Huawei
- 15:45 – 16:05 **NG-PON 2 Solution Use Cases: The Early Winners**
DQ Li, Director of Product Managment, DASAN Zhong Solutions
- 16:05 – 16:25 **Optical Solutions Optimized for 5G Transport and Multi Service Access**
Ronald Heron, Chief Strategist CTO Office, Nokia
- 16:25 – 16:45 **Your 5G Network needs 5G Transport**
Michael Gronovius, Marketing Director, Ericsson
- 16:45 – 17:00 **Segment 4 panel discussion and audience Q&A moderated by moderated by**
Geoff Burke, CMO BBF