



MARKET FOCUS SESSIONS

CALL FOR SPEAKERS

Now in its thirteenth successful year, the ECOC Market Focus has grown to become one of the focal points of the show and a popular platform to gain industry knowledge and insight into the latest technologies available.

Transportation sensing and 5G will be among the latest trends discussed at this year's Market Focus. It will also be possible to follow the discussions on pluggable versus copackaging and hear what will follow 400G. We are looking forward to continuing the success of Market Focus in 2019 and we are delighted to welcome back the industry experts who make up the ECOC Advisory Committee.

The Committee is the decision-making force behind the presentation selection process and includes representatives from across the optical communications space - telecom operators, system vendors and component manufacturers to industry analyst groups and independent industry bodies.

Chaired by Per Danielsen, former editor of Telekommunikation, the experienced Committee includes: Pierpaolo Ghiggino of NIS Ltd, Wladek Forsysiak of Aston University, Stephan Neidlinger from ADVA Optical Networking, Michael Lebbly from Lightwave Logic, Daryl Inniss from OFS, Glenn Wellbrock from Verizon, Frank Chang from Source Photonics and photonics industry expert Bimal Nayar, from Network Rail.

If you are interested in speaking at the ECOC Market Focus please contact emma.harvey@nexusmediaevents.com by Friday 28th June 2019 stating your company name, position, topic of interest and a 100 word summary of your presentation theme with a title based on one of the topics below.

Market Focus 2019 topics

Service and content provider optical transmission

- State of the optical transport market
- 100G 400G and 400+G transmission standards
- 100G for metro networks
- Copackaging vs. pluggable
- Scaling capacity with DWDM super-channels
- Optical Transport Network (OTN)
- Intersatellite communication
- Design & planning software
- Testing high-speed services, networks and components
- Embedded network monitoring and diagnostics

Optical Network Agility/Software Defined Networks

- Mesh network architectures
- Colourless, directionless, contentionless ROADMs
- "Gridless" networking: an emerging requirement?
- Rate-adaptable and tunable transceivers
- Network automation and control plane standards
- Core and add/drop routing technologies
- Open optical line systems

New emerging markets and technologies

- 3D sensing
- Transportation sensing
- Consumer products
- Remote sensing / distributed sensing
- Optical radars or lidar
- Bio-medical applications
- Plastic optical fibre and in-home cabling
- Free space optics
- New technologies and applications

Photonics integration and digital silicon photonics

- Optoelectronic integration trends and applications
- Progress in silicon photonics and hybrid silicon lasers
- High speed converters and digital signal processors
- Optical and digital signal processing
- Vertical-cavity surface-emitting lasers (VCSELs)
- Optical Intergrated circuit and ASIC/DSP development
- Chip-to-chip communications
- Small form factor & coherent pluggables
- CMOS vs. InP photonics
- Beyond the gold box
- Service providers
- PAM4
- Chip-on-board and board mounted optics

Datacenters: Optics in Cloud Computing

- Datacenter switching
- High density multi-Tb/s optical interconnect
- 100G/400/800 GbE optics
- Parallel optics and active optical cables
- Energy Efficient Ethernet and green data centres
- High-performance computing requirements
- Integrated (Black Box) vs. disaggregated (White Box) Networking

Fibre access

- The global fibre to the premises (FTTP) market
- Optical transmission cable access networks.
- Total solutions supplier for FTTH
- Fibre to the antenna for 5G mobile networks
- 100 and 200G coherent transmission in access network
- Low-cost components for WDM / high-speed PON
- Alignment equipment and fibre optic connector cleaning
- Innovative cable installation and management methods
- Optical backhaul/fronthaul for mobile
- Residential and commercial
- 5G standards and requirements
- 5G optical interface and modules
- Photonics role in Internet of Things

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2018 Speakers included:

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