



AON Tech Summit Americas 2019

September 17-18, 2019
Hilton Anaheim
Anaheim, California, USA

NOKIA



Nokia is pleased to announce the 5th annual Agile Optical Networking (AON) Technical Summit Americas. This unique invitation-only event is designed to provide you with the latest information on optical networking and Nokia's broad portfolio of Business-Driven Bandwidth solutions. At the AON Tech Summit Americas, you will:

Share ideas with Nokia engineers, industry experts, and fellow network operators.

Learn about product and technology innovations shaping the future of optical networking. Looking to become certified? Leverage the ONC program sessions and exams offered at the event.

Experience live demonstrations of Nokia optical transport solutions.

If you are involved with strategic planning, network design, or network services, this is an ideal event for you.

We look forward to seeing you in Anaheim!

Dates

September 17-18, 2019

Location

Hilton Anaheim
Anaheim, California

Audience

Industry experts in Optical Networking involved with strategic planning, network design, portfolio management, new services implementation or feature testing.

Agenda

Tuesday, September 17, 2019

Day 1

7:00 am - 7:00 pm
Written exams - Palisades

8:00 am - 8:00 pm
Registration

Plenary - Pacific C

9:00 am - 9:10 am
Welcome to AON Tech Summit Americas 2019 - Kyle Hollasch

9:10 am - 9:40 am
Optical networking - The North American landscape - Russ Esmacher

9:40 am - 10:20 am
Nokia Business Driven Bandwidth - A strategic vision - Sam Bucci

10:20 am - 10:50 pm
Break & Exhibition - Pacific A

Plenary - Pacific C

10:50 am - 11:30 am
From 5G to 400G - Developments and trends in optical networking - Scott Wilkinson (Cignal AI)

11:30 am - 12:05 pm
Extending Nokia's Coherent Optics Leadership: Roadmap to Terabits and pluggable transceivers - Ed Englehart

12:05 pm - 12:20 pm
Shaping your future - The Nokia Optical Networking Certification program - Karyn Lennon

12:20 pm - 1:50 pm
Lunch - Pacific B

12:20 pm - 1:50 pm
Exhibition - Pacific A

1:00 pm - 4:30 pm
Lab Exams - Santa Barbara

Plenary - Pacific C

1:50 pm - 2:20 pm
Nokia's Connected Optical Ecosystem for value creation - Robert Marson

2:20 pm - 2:55 pm
Customer testimonial

2:55 pm - 3:25 pm
Break & Exhibition - Pacific A

Plenary - Pacific C

3:25 pm - 4:00 pm
Customer testimonial

4:00 pm - 4:40 pm
Optical networks in 2025 - A Bell Labs view - Peter Winzer

4:40 pm - 4:50 pm
Breakout / Day 2 preview - Kyle Hollasch

4:50 pm - 5:00 pm
Day 1 wrap-up - Russ Esmacher

6:00 pm - 8:00 pm
Networking reception in the exhibition - Pacific A

Day 2

7:00 am - 7:00 pm
Written exams - Palisades

8:00 am - 4:30 pm
Registration

9:00 am - 4:30 pm
Exhibition - Pacific A

<p>Enabling Next-Generation Network Architectures - Avila</p> <p>9:00 am - 10:30 am Evolution of Cable Access Networks to Deep Fiber & DAA - Allen Rush</p>	<p>Network Automation life cycle "Killer Apps" - San Simeon</p> <p>9:00 am - 10:30 am Network Automation Life Cycle IP/Optical Killer Apps - Part #1 - Planning - Mike Soulakis</p>	<p>Mobile and metro networking for the 5G era - El Capitan</p> <p>9:00 am - 10:30 am Optical Anyhaul for 5G and Timing Sensitive Networking - Dave Guitierrez</p>	<p>Certification program</p> <p>9:00 am - 11:30 am Advanced optical network management with NFM-T seminar - Stefania Marchesi - Santa Monica</p> <p>9:00 am - 11:30 am Optical transport for mobile services seminar - Marco Belotti - Malibu</p>	
<p>10:30 am - 10:45 am Break - Pacific A</p>				
<p>Enabling Next-Generation Network Architectures - Avila</p> <p>10:45 am - 12:15 pm How Spectral Sharing Expands Operators' Access to Terrestrial and Subsea Network Capacity - Philip Pilgrim</p>	<p>Network Automation life cycle "Killer Apps" - San Simeon</p> <p>10:45 am - 12:15 pm Network Automation Life Cycle IP/Optical Killer Apps - Part #2 - Fulfillment - Mike Soulakis</p>	<p>Mobile and metro networking for the 5G era - El Capitan</p> <p>10:45 am - 12:15 pm Monetizing Transport Networks with Packet-Optical Solutions - Samrat Sood</p>		
<p>12:15 pm - 1:15 pm Lunch - Pacific B</p>				
<p>Enabling Next-Generation Network Architectures - Avila</p> <p>1:15 pm - 2:45 pm Wavelength Routing and Line System Evolution: De-Aggregation vs. Integration - Marco Bertolini</p>	<p>Network Automation life cycle "Killer Apps" - San Simeon</p> <p>1:15 pm - 2:45 pm Network Automation Life Cycle IP/Optical Killer Apps - Part #3 - Measuring - Mike Soulakis</p>	<p>Mission critical networks for enterprise and public sector - El Capitan</p> <p>1:15 pm - 2:45 pm Enterprise private optical networks & business driven bandwidth: a perfect fit - Chris Janson</p>	<p>Certification program</p> <p>1:15 pm - 3:45 pm Advanced optical network management with NFM-T seminar - Stefania Marchesi - Santa Monica</p> <p>1:15 pm - 2:45 pm Leverage the features of the GMPLS routing engine seminar - Marco Belotti - Malibu</p>	
<p>2:45 pm - 3:00 pm Break - Pacific A</p>				
<p>Enabling Next-Generation Network Architectures - Avila</p> <p>3:00 pm - 4:30 pm Extending Nokia's Coherent Optics Leadership: roadmap to Terabits and pluggable transceivers - Oriol Bertran Pardo</p>	<p>Network Automation life cycle "Killer Apps" - San Simeon</p> <p>3:00 pm - 4:30 pm Network Automation Life Cycle IP/Optical Killer Apps - Part #4 - Learning - Mike Soulakis</p>	<p>Mission critical networks for enterprise and public sector - El Capitan</p> <p>3:00 pm - 4:30 pm Keeping the enterprise safe from quantum computer attack - Chris Janson</p>		

Exhibition

A rich set of original live demonstrations will be prepared by our engineering and product management teams. Attendees will discover state-of-the-art WDM, OTN and packet features, dedicated solutions for enterprises and vertical segments, as well as the latest software enabled capabilities including transport SDN and open applications.

Major covered areas will be:

- Network and business transformation with Nokia's WaveSuite applications for optical network automation, optimization, and monetization.
- Nokia WaveFabric innovations for backbone and metro optical networks, including the Photonic Service Engine 3 with probabilistic constellation shaping, compact 'metro' wavelength routing,

- the complete family of 1830 X-series packet-OTN switches, and ultra-wideband C&L band transmission.
- 5G-ready optical networking - the evolution of fronthaul, edge data center interconnect, and specific eye on the unique latency, timing, and synchronization requirements of these applications
- Compact modular transport solutions for data center interconnect, encompassing enterprise, service provider, and webscale applications.
- The new world of open optical networking - open interfaces, controllers, and hardware, and how Nokia can help you reap its benefits.

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Take advantage of our exclusive sponsorship opportunities available for a select few Partners. For more information about Nokia's IP & Optical Networks (ION) 2019 sponsorship program, please contact Karen Whitaker at +49 171 305 1967 or karen.whitaker@nokia.com.



Optical Network Certification (ONC) Program

Leverage your investment in Nokia optical technology and prepare for the future in optical networking with the Nokia ONC program. The ONC program is designed to provide industry professionals with the training and skills needed to design, implement, and manage/maintain optical networks based on the Nokia 1830 Photonic Service

Switch (PSS) and 1350 Optical Management System (OMS).

More details on the ONC program offerings at the event and how to sign up for certification exams is available on the event website.

Register now!



Hotel Accommodation



Hilton Anaheim

777 West Convention Way
Anaheim, California 92802 USA

Guestroom Rate: \$209

(excluding 17% taxes plus \$1.29 resort tax)

The AON Tech Summit Americas 2019 will be hosted at the Hilton Anaheim hotel. Ideally located in the heart of Orange County, Hilton Anaheim offers comfortable rooms

and suites, fantastic dining and first-class facilities for business and recreation, all of which combine to ensure you have an unforgettable stay in Anaheim, California. The hotel have combined function and form to create comfortable, convenient and safe guest rooms. Sleep soundly in the Hilton Serenity bed. Enjoy 32" flat panel HDTVs with HBO®, CNN® and ESPN®. Work productively at the work desk featuring an ergonomic

chair. Rejuvenate in the morning with the convenient coffee maker and complimentary coffee and tea. Enjoy Anaheim in comfort and style; be our guest at the Hilton Anaheim hotel. Just 20 minutes from John Wayne Airport and 40 mins from Los Angeles International Airport, with a compelling collection of vibrant attractions nearby, the hotel offers a great platform for both business and leisure.

Hotel reservations

Hotel requests can be made during the online event registration.

All registrants who have requested accommodation during your registration will receive a detailed hotel reservation confirmation from our agency Conference Contacts approximately 2 weeks prior to the event. For any changes or cancellations, please contact Rosalyn Giles at rosalyn@conferencecontacts.co.uk or tel. +44 1628 773 300.

Please do not contact the hotels directly!

Guestroom cancellation terms

In the event of cancellation, early departure or other changes less than 48 hours prior to arrival, including non-arrival or no-show, the Hotel reserves the right to charge individuals the full length of the stay as reserved as cancellation fees. All reservations for guests without credit cards, with invalid credit cards or incorrect credit card details will not be confirmed by the Hotel.

Register now!

aontechsummitamericas.conferencecontacts.co.uk/



Fees

Customers
Free

Partners
\$500

Nokia staff
\$1,000

A pass includes:

- All conference tracks
- Exhibition
- All coffee breaks and luncheons
- Networking reception
- Breakfast buffet on main conference days
- Speakers' presentation slide-sets

The fees do NOT include hotel accommodation and personal travel charges. Hotel charges will be charged directly by the hotel.

PURCHASES AND PAYMENT POLICY

All applicable fees are payable at the end of the online registration process and will be charged by

Conference Contacts Limited, UK on behalf of Nokia. A detailed receipt can be downloaded directly from the confirmation site as well as your confirmation e-mail. Please contact the Registration Support Team, for any questions regarding the registration process.

CANCELLATIONS

In the event of cancellation prior to September 16, you will not be charged a cancellation fee and receive a full refund. In case of cancellation on or after September 16, or no-show, we reserve the right to charge you a cancellation fee equivalent to 100% of your registration fee or \$500 if you registered for a free pass.

SUBSTITUTIONS

If you are unable to attend the AON Tech Summit Americas 2019 after registering, a substitution from the same company is permitted at no charge. Substitutions must be made in writing to the Registration Support Team with the names and email addresses of both the original and substitute registrant. Any balance due will automatically be transferred to the substitute. Cancellation of travel reservations and hotel reservations are the exclusive responsibility of the registrant.

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