



Day 1, November 19, 2024

- 8:30 Registration
- 9:30 Welcome
- 9:40 Paving the way towards the next generation of mobile
Christina Gessner
Executive Vice President Test & Measurement, Rohde & Schwarz

5G Advanced - Non-terrestrial networks

- 10:05 NTN developments at ESA
Frank Zeppfeldt, Future Projects, European Space Agency (ESA)
- 10:30 [Coffee Break](#)
- 11:00 Pioneering 4G/5G Connectivity from Space: Opportunities, Challenges & Solutions
Prasanna Nagarajan, Chief Innovation Officer, OQ Technology Sarl
- 11:25 A Network Operator's View on Current NTN Possibilities and Areas for Future Research
Dr.-Ing. Markus Breitbach, Senior Expert Group Technology, Deutsche Telekom AG
- 11:50 Demystifying Lab testing of NR-NTN devices
Tim Seyler, Product Manager, Rohde & Schwarz
Naseef Mahmud, Technical Lead NTN OTA, Rohde & Schwarz
- 12:15 [Rohde & Schwarz Demo Tour and Lunch break](#)

Business critical private network

- 14:15 Business Critical Campus Networks, the operator perspective
Frank Schmidt-Küntzel, Business Head Campus Networks, Telefonica Germany
- 14:40 Navigating the 5G Evolution by connecting Industrial IoT with Modern Supply Chain
Thorsten Lutz, Solution Architect, Panasonic Connect Europe
- 15:05 Benefits of private 5G networks in Industry – Case Study Steel Manufacturing
Daniel Mai, Director Industrial Wireless Communication, Siemens AG
- 15:30 Essential performance learnings from private and public 5G networks
Peter Busch, Market Development & Marketing MNT, Rohde & Schwarz
- 15:55 [Coffee break](#)

Mission critical networks

- 16:20 Achieving the First Conformance Certification for the Frequentis MCX Client Platform
Markus Hofbauer, Lead Solution Architect Mission Critical Services, FREQUENTIS AG
- 16:45 GCF MCX Certification – A key step in enabling end to end Mission Critical Services over Mobile Broadband, Asif Hamidullah, Head of Certification – IoT & Verticals, GCF
- 17:10 First Responders' Lifeline: How to Verify and Optimize MCX Network Performance
Gregor Tomic, Senior Product Manager, Rohde & Schwarz
Wolfgang Kalau, Product Manager, Rohde & Schwarz
- 17:35 NB-NTN module application from module supplier perspective (IoT/Automotive)
Shohei Kawanaka, Senior Product Manager, Murata Electronics Europe B.V.
- 18:00 [Networking: Italian Food Festival](#)



Day 2, November 20, 2024

9:00 Welcome

5G Advanced on the way to 6G

9:10 Integrated Sensing and Communication (ISAC) from 5G-Advanced to 6G
Meik Kottkamp, Technology Manager Wireless, Rohde & Schwarz

9:35 Radio Protocol Emergence
Alvaro Valcarce, Head of department on Wireless AI/ML, Nokia Bell-Labs, France

10:00 Cellular IoT evolution from 2G to 6G
Igor Tovberg, Director of Product Marketing and Strategic Partnerships, Sony

10:25 **Coffee Break**

10:55 The elephant in the room called Wi-Fi
Joerg Koepp, Market Segment Manager, Rohde & Schwarz

11:20 5G network benchmark beyond the numbers.
PhD Alberto Teković, Radio Network Optimization Principal, A1 Croatia

11:45 Network Benchmarking techniques – behind the scenes
Simon Allemann, Product Manager, Rohde & Schwarz SwissQual AG

12:10 **Lunch break**

Energy Efficiency and sustainability by design

13:00 NES in 3GPP – A Technology Overview
Dr. Elke Roth-Mandutz, Group Manager Mobile Communication, Fraunhofer IIS

13:25 Energy efficiency in telco networks
Andreas Gladisch, Senior Network Architect, Deutsche Telekom AG

13:50 RAN Energy Efficiency journey
Samuele Macchi, NPO Project Manager, Nokia

14:15 **Coffee break**

14:45 Self-powered wireless sensors for the IoT
Dr. Peter Spies, Group Manager “Integrated Energy Supplies”, Fraunhofer IIS

15:10 RF Wireless Power Transfer Testing
Dr.-Ing. Rania Morsi, Development Engineer for 5G/NR, Rohde & Schwarz

15:35 The future of wireless with 6G
Reiner Stuhlfauth, Technology Manager Wireless, Rohde & Schwarz

16:00 **Closing**