

2019 EEE 4th 5G Summit Agenda: Tuesday 1 October

08:00 Registration & Welcome Coffee

Welcome Session and Plenary Keynotes (Hall 2 & 3)

- 08:45 - **Dr. Robert Franke** (City of Dresden): Welcome Address
08:50 - **Dr. Michael Bolle** (Bosch)
09:10 - **Dr. Hannes Ametsreiter** (Vodafone Germany): From research to real-time network
How Vodafone became an awarded 5G pioneer
09:30 - **Peter Riedel** (Rohde & Schwarz): 5G for Smart Factories – A T&M and User Perspective
09:50 - **Prof. Gerhard Fettweis & Prof. Frank Fitzek** (TU Dresden): 5G Lab Germany Vision

10:15 Coffee Break & Exhibition

Hardware & Wireless Track (Hall 3)

- 11:00 - **Prof. Karl-Heinz Bock, Dr. Carado Carta, Prof. Diana Göhringer & Prof. Kambiz Jamshidi** (TU Dresden): The 5G Lab Story on Hardware & Wireless
11:25 - **Wim Rouwet** (NXP): Enabling efficient Software Defined Radio on ARM platforms
11:45 - **Dr. Yankin Tanurhan** (Synopsys): Enabling Ultra-HighPerformance, low power 5G Modem Desings with heterogeneous extendable multi core systems
12:05 - **Peter Smyth** (IET): A new perspective on the value of Spectrum for Telecoms - mm Wave Phased Arrays
12:25 - **Peter Rabbeni** (GlobalFoundries): Si Solutions for 5G Infrastructure: Technology Choice and Economics

Network & Cloud Track (Hall 2)

- 11:00 - **Prof. Frank Fitzek** (TU Dresden): Computing for Future Communication Towards Tactile Internet
11:30 - **Dr. Bruno Jacobfeuerborn** (Deutsche Funkturm): Network infrastructure: key element to unfold the full potential of 5G
11:50 - **Prof. Fabrizio Granelli** (University of Trento): Network Function Virtualization across Terrestrial, Aerial and Satellite Networks
12:10 - Exhibition Teaser

5G Applications Track (Hall 4)

- 11:00 - **Carsten Ahrens** (G+D Mobile Security): The role of eSIM for connectivity + security in massive IoT deployments
11:25 - **Sebastian Wolf** (FLÜGELaeronautics)
11:45 - **Raik Hoffmann** (Deutsche Bahn) & **Dr. Ralf Irmer** (Vodafone Germany): 5G for Railways: The Living Lab as Experimentation Ground and 5G technology for railway use cases
12:10 - **Dr. Guido Beckmann** (Beckhoff Automation): 5G for Industrial Operation Technology – an OT perspective

12:45 Lunch & Exhibition

Hardware & Wireless Track (Hall 3)

- 14:00 - **Prof. Gerhard Fettweis** (TU Dresden): Beyond 5G: What could it be?
14:20 - **Bernhard Niemann** (Fraunhofer IIS): 5G – From Standardization to Deployment
14:40 - **Dr. Amitava Ghosh** (Nokia Bell Labs): A view on Cellular Technology Beyond Rel-15
15:00 - **Dr. Michael Peeters** (imec)
15:20 - **Philipp von Schierstädt** (Infineon): 5G & Sensors - or - The next level of connectivity

Network & Cloud Track (Hall 2)

- 14:00 - **Prof. Frank Fitzek, Prof. Christof Fetzter, Prof. Hermann Härtig & Dr. Adam Lackorzynski** (TU Dresden): The 5G Lab Story on Network & Cloud
14:20 - **Dr. Yuichi Nakamura** (NEC): 5G Integrations of Services and Technologies
14:40 - **Prof. Wolfgang Kellerer** (TU München): Towards flexible and dynamic 5G networks
15:00 - **Patrik Braun** (Budapest University of Technology and Economics): Multi-Source Coded Downloads for Future Networks
15:20 - **Dr. Magnus Frodigh** (Ericsson): The Innovation Platform for the Next Decade

5G Applications Track (Hall 4)

- 14:00 - **Dr. Jens Struckmeier** (Cloud & Heat): Secure and green high performance edge computing for 5G applications
14:20 - **Dr. Fisseha Mekuria** (CSIR): Turning 5G into Reality in an Emerging Economy context
14:40 - **Thomas Schmidt** (SMUL): Going Ahead: The simul+Innovation Hub in Saxony
15:00 - **Dr. Norman Franchi, Prof. Jürgen Weber, Prof. Peter Birkholz, Prof. Klaus Janschek, Prof. Ercan Altinsoy** (TU Dresden): The 5G Lab Story on 5G Applications

15:40 Coffee Break & Exhibition

Closing Session and Plenary Keynotes (Hall 2 & 3)

- 16:15 - **Dr. Wolfgang Hackenberg** (Nokia): 5G – Hype or Reality?
16:35 - **Dr. Peter Stuckmann** (European Commission): European perspectives on 5G and beyond
16:55 - **Dr. Wen Tong** (Huawei)
17:15 - **Eric Starkloff** (National Instruments): Breaking the 5G test bottleneck
17:35 - **Matt Beal** (Vodafone): 5G: Foundation for Society
17:55 - Plenary Panel Discussion with **Prof. Gerhard Fettweis, Prof. Frank Fitzek, Peter Rabbeni** (Globalfoundries), **Dr. Magnus Frodigh** (Ericsson), **Dr. Peter Stuckmann**, (European Commission), **Sebastian Blum** (Greenfield One)

19:00 Networking Session



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