

# 2019 IEEE 4<sup>th</sup> 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): 5G, Key Enabler for Future Industry and Mobility Solutions  
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)	Network & Cloud Track (Hall 2)	5G Applications Track (Hall 4)
11:00 - <b>Prof. Karl-Heinz Bock, Dr. Carado Carta, Prof. Diana Göhringer &amp; Prof. Kambiz Jamshidi</b> (TU Dresden): The 5G Lab Story on Hardware & Wireless	11:00 - <b>Prof. Frank Fitzek</b> (TU Dresden): Computing for Future Communication Towards Tactile Internet	11:00 - <b>Carsten Ahrens</b> (G+D Mobile Security): The role of eSIM for connectivity + security in massive IoT deployments
11:25 - <b>Wim Rouwet</b> (NXP): Enabling efficient Software Defined Radio on ARM platforms	11:30 - <b>Dr. Bruno Jacobfeuerborn</b> (Deutsche Funkturm): Network infrastructure: key element to unfold the full potential of 5G	11:25 - <b>Sebastian Wolf</b> (FLÜGELaeronautics): Door to Door Air Mobility
11:45 - <b>Dr. Yankin Tanurhan</b> (Synopsys): Enabling Ultra-HighPerformance, low power 5G Modem Desings with heterogeneous extendable multi core systems	11:50 - <b>Prof. Fabrizio Granelli</b> (University of Trento): Network Function Virtualization across Terrestrial, Aerial and Satellite Networks	11:50 - <b>Christian Menzel</b> (Deutsche Bahn) & <b>Dr. Ralf Irmer</b> (Vodafone Germany): 5G for Railways: The Living Lab as Experimentation Ground and 5G technology for railway use cases
12:05 - <b>Peter Smyth</b> (IET): A new perspective on the value of Spectrum for Telecoms - mm Wave Phased Arrays	12:10 - Exhibition Teaser	12:15 - <b>Dr. Guido Beckmann</b> (Beckhoff Automation): 5G for Industrial Operation Technology – an OT perspective
12:25 - <b>Peter Rabbeni</b> (GlobalFoundries): Si Solutions for 5G Infrastructure: Technology Choice and Economics		

## 12:45 Lunch & Exhibition

Hardware & Wireless Track (Hall 3)	Network & Cloud Track (Hall 2)	5G Applications Track (Hall 4)
14:00 - <b>Prof. Gerhard Fettweis</b> (TU Dresden): Beyond 5G: What could it be?	14:00 - <b>Prof. Christof Fetzer</b> (TU Dresden): The 5G Lab Story on Network & Cloud	14:00 - <b>Dr. Jens Struckmeier</b> (Cloud & Heat): Secure and green high performance edge computing for 5G applications
14:20 - <b>Bernhard Niemann</b> (Fraunhofer IIS): 5G – From Standardization to Deployment	14:20 - <b>Dr. Yuichi Nakamura</b> (NEC): 5G Integrations of Services and Technologies	14:20 - <b>Dr. Fisseha Mekuria</b> (CSIR): Turning 5G into Reality in an Emerging Economy context
14:40 - <b>Dr. Amitava Ghosh</b> (Nokia Bell Labs): A view on Cellular Technology Beyond Rel-15	14:40 - <b>Prof. Wolfgang Kellerer</b> (TU München): Towards flexible and dynamic 5G networks	14:40 - <b>Thomas Schmidt</b> (SMUL): Going Ahead: The simul+Innovation Hub in Saxony
15:00 - <b>Dr. Michael Peeters</b> (imec)	15:00 - <b>Patrik Braun</b> (Budapest University of Technology and Economics): Multi-Source Coded Downloads for Future Networks	15:00 - <b>Dr. Norman Franchi, Prof. Jürgen Weber, Prof. Peter Birkholz, Prof. Klaus Janschek, Prof. Ercan Altinsoy</b> (TU Dresden): The 5G Lab Story on 5G Applications
15:20 - <b>Philipp von Schierstädt</b> (Infineon): 5G & Sensors - or - The next level of connectivity	15:20 - <b>Dr. Magnus Frodigh</b> (Ericsson): The Innovation Platform for the Next Decade	

## 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): Wireless Innovations for the Next Decade  
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)

## 19:00 Networking Session



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