

## 08:00 Registration & Welcome Coffee

### Welcome Session and Plenary Keynotes (Hall 2 & 3)

- 08:45 - Welcome Address
- 08:50 - Dr. Michael Bolle (Bosch): title of talk to be defined
- 09:10 - Dr. Hannes Ametsreiter (Vodafone Germany): title of talk to be defined
- 09:30 - Peter Riedel (Rohde & Schwarz): title of talk to be defined
- 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): title of talk to be defined
- 12:05 - Peter Smyth (IET): A new perspective on the value of Spectrum for Telecoms - mm Wave Phased Arrays
- 12:25 - Dr. Gary Patton (GlobalFoundries): title of talk to be defined

#### Network & Cloud Track (Hall 2)

- 11:00 - Prof. Frank Fitzek (TU Dresden): title of talk to be defined
- 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 - Prof. Hans Schotten (University of Kaiserslautern): title of talk to be defined
- 11:20 - Thomas Schmidt (SMUL): title of talk to be defined
- 11:40 - 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
- 12:00 - Carsten Ahrens (G+D Mobile Security): The role of eSIM for connectivity + security in massive IoT deployments
- 12:20 - 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): title of talk to be defined
- 14:20 - Bernhard Niemann (Fraunhofer IIS): title of talk to be defined
- 14:40 - Dr. Amitava Ghosh (Nokia Bell Labs): title of talk to be defined
- 15:00 - Dr. Michael Peeters (imec): title of talk to be defined
- 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 Fetzer, Prof. Hermann Härtig & Dr. Adam Lackorzynski (TU Dresden): The 5G Lab Story on Network & Cloud
- 14:20 - Dr. Yuichi Nakamura (NEC): title of talk to be defined
- 14:40 - Prof. Wolfgang Kellerer (TU München): Towards flexible and dynamic 5G networks
- 15:00 - Patrik Braun (Budapest University of Technology and Economics): title of talk to be defined
- 15:20 - Dr. Magnus Frodigh (Ericsson): title of talk to be defined

#### 5G Applications Track (Hall 4)

- 14:00 - Dr. Hans-Peter Petry (German Center for Satellite Communications): Design Criteria for advanced LEO Constellations in a 5G Environment
- 14:20 - Dr. Norman Franchi, Prof. Jürgen Weber, Prof. Peter Birkholz, Prof. Klaus Janschek, Prof. Ercan Altinsoy (TU Dresden): The 5G Lab Story on 5G Applications
- 14:40 - Dr. Diego Schierle (FLÜGELaeronautics): title of talk to be defined
- 14:55 - Dr. Wolfram Drescher (Xilinx): title of talk to be defined
- 15:10 - Panel with Dr. Ralf Irmer (Vodafone Germany), Dr. Wolfram Drescher (Xilinx), Dr. Jens Struckmeier (Cloud & Heat), Dr. Fisseha Mekuria (CSIR)

### 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): title of talk to be defined
- 17:15 - Eric Starkloff (National Instruments): title of talk to be defined
- 17:35 - Plenary Panel Discussion with Prof. Gerhard Fettweis, Prof. Frank Fitzek, Dr. Gary Patton (Globalfoundries), Dr. Magnus Frodigh (Ericsson), Dr. Peter Stuckmann, (European Commission), Sebastian Blum (Greenfield One)

### 19:00 Networking Session



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