

IEEE 5G Summit Dresden

SEPTEMBER 25, 2018 PRESENTED BY 5G Lab GERMANY



08:00 - Registration & Welcome Coffee

Welcome Session and Plenary Keynotes (Hall 2 & 3)

- 08:45 - Prof. Hans Müller-Steinhagen (TU Dresden): Welcome Address
- 08:50 - Prof. Gerhard Fettweis & Prof. Frank Fitzek (TU Dresden): 5G Lab Germany Vision
- 09:30 - Volker Ziegler (Nokia): The TAO to Make 5G Move
- 09:50 - Alexander Lautz (Deutsche Telekom): First 5G Services – Turning Vision into Commercial Reality
- 10:10 - Christian Leicher (Rohde & Schwarz): Demystifying 5G - Test & Measurement Challenges
- 10:30 - Kerstin Grosse (KOMSA): Chances and Challenges for Service and Support with 5G

10:50 - Coffee Break

Hardware & Wireless Track (Hall 2)	Network & Cloud Track (Hall 3)	Tactile Internet Applications Track (Hall 4)
11:30 - Prof. Kambiz Jamshidi (TU Dresden): Integrated Photonic Devices for 5G Applications	11:30 - Prof. Frank Fitzek (TU Dresden): 5G Communication Networks for Tactile Internet with Humans in the Loop	11:30 - Prof. Uwe Aßmann (TU Dresden): Fog Computing - a New Technology for Co- Working Robotics
11:45 - Mario Montana (IDT): Industrial Sensing with 5G Enabled Networks	11:45 - Gerald Kleyn (Hewlett Packard Enterprise): Convergence of IT and OT enabled by 5G	11:45 - Heinz Huber (Telemotive MAGNA): Future Mobility -or- How New Entries Shape the Automotive Future with 5G
12:05 - Naoto Ishii (NEC): Compact Antenna System for 5G and Field Experiments	12:05 - Anders Lindblad (Accenture): OPPORTUNITY IS HIDING IN PLAIN SIGHT	12:05 - Prof. Peter Birkholz (TU Dresden): Towards Radar-based Silent Speech Recognition
12:25 - Saquib Bin Halim (Globalfoundries): 5G Co-Design in 22FDX	12:25 - Sascha Klüppelholz (TU Dresden): From Formal Analysis to Synthesis under Cost- Utility Constraints	12:20 - Tactile Internet Applications Panel with Sebastian Blum (Dedrone), Erazem Polutnik (LXNAV), Wolfgang Pitz (SpaceTech), Christian Piechnick (Wandelbots), Prof. Gerhard Fettweis (TU Dresden)
12:45 - Karsten Meier (TU Dresden): Package Reliability for 5G and Automotive	12:40 - Robert Würth (Intel): Multimode 5G/NR Chipset to Address Global Markets – Challenges and Requirements	
12:55 - Krzysztof Niewegłowski (TU Dresden): Interconnect (packaging) Technologies ...		

13:00 - Lunch & Exhibition

14:30 - Prof. Gerhard Fettweis (TU Dresden): 5G – The Door Opener to 6G and Open RAN Challenges?	14:30 - Prof. Christof Fetzer (TU Dresden): Secrets Management and Secure Processing	14:30 - Prof. Marwa Chafii (Cergy-Pontoise University, France): Opportunities of Deep Learning in Wireless Physical Layer
14:45 - Marc Sommer (Facebook): Working with Facebook to Connect the World	14:45 - Prof. Petar Popovski (Aalborg University): What does Statistical Machine Learning tell about Ultra-Reliable Wireless Communication	14:45 - Dirk Schulz (ABB): Industrial 5G - Challenges and Opportunities of IT/OT Convergence
15:05 - Joachim Kunkel (Synopsys Inc.): 5G SoCs, all you need is Semiconductor IP?	15:05 - Sudhir Sharma (ANSYS): Engineering a Reliable 5G Ecosystem – from Base Stations to Data Centers	15:05 - Prof. Eckehard Steinbach (TU München): Toward High-Fidelity Remote Touch Experiences
15:25 - Meryem Simsek (International Computer Science Institute, Berkeley): On the Self-Organization of 5G Networks	15:25 - Jens Voigt (Amdocs): 5G Beam Fingerprinting RAN Analytics	15:25 - Simon Haddadin (Franka Emika): Multi-Model Interaction with an Advanced Robotic System
	15:40 - Network & Cloud Panel with Wen Xu (Huawei), Prof. Petar Popovski (Aalborg University), Wolfram Drescher (Airrays), Michael Kaiser, Prof. Frank Fitzek (TU Dresden)	15:45 - Matthias Schmitt (HERE): Enabling Self Driving Cars and Mobility as a Service towards an Autonomous World - Challenges and Requirements on Mobile Communication
15:45 - Prof. Eduard Jorswieck (TU Dresden): Resource Sharing in 5G, LTE, and WiFi		16:05 - Matthias Stege (Exelonix): A Cloud Based - QoS Concept for Low Data Rate Sensor Networks
16:00 - Ludger Verweyen (Infineon Technologies): RF Semiconductors for 5G RAN and UE		

16:20 - Coffee Break & Exhibition

Closing Session and Plenary Keynotes (Hall 2 & 3)

- 17:30 - Anton Kathrein (Kathrein): RF Opportunities and Challenges in the Connected World
- 17:50 - Jan-Peter Mayer-Kahlen (Ericsson): 5G is Open for Business – Success Factors to Build Ecosystems Together
- 18:05 - Manuel Cubero (Vodafone Germany): 5G - Shaping the Future
- 18:20 - Plenary Panel Discussion with Jan-Peter Mayer-Kahlen (Ericsson), Manuel Cubero (Vodafone Germany), Jorge Pereira (European Commission), Michael Hohmuth (Kernkonzept), Prof. Frank Fitzek (TU Dresden), Prof. Gerhard Fettweis (TU Dresden), et al.

19:30 - Networking Session