



FUTURE INDUSTRIAL COMMUNICATION

Wednesday, 12.09.2018



5G Research Perspectives

● 8:00 Registration

● 9:00 Welcome

9:10 – 10:40

Session 1: State of Ground Breaking Technologies

● 09:10

Title

Prof. Gerhard Fettweis | Technische Universität Dresden

● 09:40

5G NR and Future Fronthaul

Dr. Francisco J. Gracia | Keysight UK Limited, Edinburgh

● 10:10

Hardware Design Challenges and Novel Concepts for 5G mm Wave Systems

Dr. Ivan Ndip | Fraunhofer IZM, Berlin

● 10:40 - 11:30

Coffee Break & Exhibition

11:30 – 13:00

Session 2: Seamless Communication System

● 11:30

Open Baton & Open5GCore Enabling Instant Customized Industry Network Provision

Prof. Thomas Magedanz | Fraunhofer FOKUS, Berlin

● 12:00

5G Tactile Internet in Automotive Environments

Prof. Falco Dressler | University of Paderborn

● 12:30

Enhancing 5G Radio Access Technologies with Machine Learning

Prof. Slawomir Stanczak | Fraunhofer HHI, Berlin



FUTURE INDUSTRIAL COMMUNICATION

14:30 – 16:00

Session 3: Industrial Applications and 5G

14:30

Molecular Communications

Prof. Robert Schober | Universität Erlangen / Nürnberg

15:00

On the Way to Knowledge Defined Networks

Dr. Heiko Lehmann | T-Labs, Berlin

15:30

General 5G Use Cases for Production and Logistics

Anne Bernardy | FIR e.V. an der RWTH Aachen

16:00

Presentation 4

Prof. Rolf Krämer | IHP GmbH

Location

Sofitel Kurfürstendamm

Augsburger Straße 41, D-10789 Berlin



Industrielles
Internet



Taktiler
Internet

GEFÖRDERT VOM



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für Bildung
und Forschung