



# 5G Lab Germany

## Summerschool on Wireless and Networks

### September 16-23, 2015

### Agenda

#### Wednesday, September 16<sup>th</sup>

09:00 – 10:45 Arrival, Registration & Welcome Session, Dr. Radeke

11:00 – 12:30 Course 1: “Introduction to 5G and 5G Lab Germany”, Prof. Fitzek

13:30 – 16:45 Course 2: “Introduction to Network Coding”, Prof. Fitzek, J. Cabrera

16:45 – 17:30 Demo 1: “5G Lab Germany Showroom”, Dr. Radeke

#### Thursday, September 17<sup>th</sup>

08:30 – 11:45 Course 3: “Network Coding Theory”, Prof. Jorswieck, J. Richter

13:00 – 16:15 Course 4: “Sparse Recovery – Compressive Sensing”, Dr. Scheunert, Dr. Yun

16:30 – 17:00 Demo 2: “Communication Acoustics”, R. Rosenkranz

#### Friday, September 18<sup>th</sup>

08:30 – 11:45 Course 5: “Energy Efficiency in 5G”, Prof. Jorswieck, Dr. Zappone

13:00 – 16:15 Course 6: “Advanced Topics in Network Coding”, Prof. Fitzek, J. Cabrera

#### Monday, September 21<sup>st</sup>

08:30 – 10:00 Course 7: “Designing a 5G Air Interface for Enabling the TI”, Prof. Fettweis

10:15 – 16:15 Course 8: “Introduction to LabVIEW: Communications for 5G prototyping”,  
Dr. Ohlmer, National Instruments

16:30 – 17:00 Demo 3: “Labs at Vodafone Chair”

#### Tuesday, September 22<sup>nd</sup>

08:30 – 11:45 Course 9: “LabVIEW application frameworks for prototyping 5G wireless syst.”,  
R. Nuessgen, National Instruments

13:00 – 16:15 Course 10: “Generalized Frequency Domain Multiplexing (GFDM)”,  
Dr. Zhang, I. Gaspar, M. Matthe

16:30 – 17:00 Demo 4: “Robotics at Computer Science Department”, G. Püschel, R. Kaiser

#### Wednesday, September 23<sup>rd</sup>

08:30 – 14:30 Course 11: “Hands-On training LabVIEW”, M. Danneberg

14:45 – 16:15 Closing Session, Dr. Radeke