Agenda MNS:

9:00 Department wide opening
Prof. Dr.-Ing. Steffen Großmann, Vice Dean

9:15 Department wide keynote speech
Prof. Dr.-Ing. Wolfgang Schröppel, Erlangen
"A Time of Change in the German Power System"

10:00 The Vodafone Chair & Vision Update
Prof. Gerhard Fettweis

10:45 Coffee break

11:15 Projects presented by chair members
Signal Processing for Next Generation Systems
Jörg Holfeld
"Field Trial Results for CoMP Downlink Transmissions"
Vincent Kotzsch
"Multi-User Transmission in Asynchronous Cooperating Base Station Systems"
Eckhard Ohlmer
"Mutual Information Maximizing Linear Precoding for Parallel Layer MIMO Detection"
Rohit Datta
"GFDM: interference cancellation and sensing characteristics"
Richard Fritzsche
"Joint Precoding in Coordinated Multi-Point under CSI Impairments"
Jan Dohl
"Blind Estimation and Mitigation of Nonlinear Channels"
Michael Grieger
"Field Trials of a CoMP Uplink"
Stefan Krone
"Energy-Efficient A/D Conversion in Wideband Communications Receivers"
Patrick Grosa
"Protograph-based LDPC Codes for Iterative Receivers"

11:50 Partner’s wireless vision

13:45 Partner’s wireless vision

Keynote:
Peter Merz, Nokia Siemens Networks
"Mobile Broadband Beyond 4G"
Dr. Ralf Irmer, Vodafone
"Quality of user Experience in Mobile Networks"
Dr. Tim Hentschel, Signall
"Customized Wireless Systems Off-the-Shelf - Solving the Contradiction"
Masao Ikekawa, NEC Corporation
"Recent Research Activities at NEC"

14:45 Projects presented by chair members
Hardware Architecture & Design Methodology
Oliver Arnold
"Heterogeneous MPSoCs"
Erik Fischer
"Modeling on-chip networks for many-core architectures"
Falko Guderian
"System-Level Design Space Exploration for Future Many-Core Processor Systems"

Mobile Communications – Systems
Stefan Wesemann
"Combinatorial Advantages due to Joint Resource Allocation in Uplink CoMP Systems"
Albrecht Fehske
"Improving the energy efficiency of interference coupled cellular networks"
Fred Richter
"Optimal BS Placement Based on Force Fields"
Ines Riedel
"Increasing Throughput and Fairness in the Downlink of Cellular Systems with N-fold Sectorization"
Fabian Diehm
"Scheduling for CoMP under Backhaul Impairments"
Walter Nitzold
"Adaptive coding for efficient multicast transmission"
Vinay Suryaprakash
"Energy Consumption Analysis of Wireless Networks using Stochastic Deployment Models"
Bettina Vollberg, Vodafone Chair
"HTSB - Technology Transfer by New Venture Support Systems"
walk to Vodafone Chair, Barkhausen-Bldg. for Coffee break/ Posters/ Demonstrators

16:00 Open end

17:00 Sightsseeing walk (ca. 1hr.)

18:00 Informal department wide get-together
with guests, alumni and the chair in the restaurant "italienisches Dörfchen"