Summer School

Communication Technology and Data Analytics for Future Energy Systems

UNIVERSITÄT PASSAU   KIT Karlsruhe Institute of Technology   German Informatics Society GI   ENERGY STATUS DATA · COLLECT · ANALYSE · UTILISE

Time		Monday 11th Sept	Tuesday 12th Sept	Wednesday 13th Sept	Thursday 14th Sept	Friday 15th Sep
08:30	09:00		**Prof. S. Keshav** Communication Technologies for Energy Informatics	**Prof. H.-A. Jacobsen, J. Rivera** OpenGridMap: Crowdsourcing Power Grid Data	**Prof. S. Lehnhoff** Requirements Engineering for Energy Information Systems	**Dr. F. Kupzok** Modelling Basics and Co-Simulation of Communication and Power Systems
09:00	09:30					
09:30	10:00					
10:00	10:30		Coffee Break	Coffee Break	Coffee Break	Coffee Break
10:30	11:00		**S. Haben, Ph.D** Forecasts and Control for the Smart Grid	**Prof. D. Neumann** Data Analytics for Smart Cities	**Dr. T. Brown** Modelling the Electricity Transmission Network with High Shares of Renewable Energy	**Workshop** Digital approaches to increase renewable hosting capacity of distribution grids
11:00	11:30					
11:30	12:00					
12:00	12:30	Arrival & Registration	Lunch	Lunch	Lunch	Lunch
12:30	13:00					
13:00	13:30					
13:30	14:00	**Dr. C. Hinrichs** Data Analytics in Practice	**Prof. K. Böhm** Towards Better Privacy for Energy-Status Data	**Prof. A. Weidlich** Flexibility Modeling for Power Systems	**Workshop** Energy Time Series Storage and Analytics (I)	**Workshop** Smart Meter Privacy – Legal and Technical Aspects
14:00	14:30					
14:30	15:00	**Prof. H. Schmeck** Motivation and Need for Developing Energy Informatics				
15:00	15:30		Coffee Break	Coffee Break	Coffee Break	Coffee Break & Closing
15:30	16:00		Poster Session	Poster Session	**Workshop** Energy Time Series Storage and Analytics (II)	
16:00	16:30	Coffee Break				
16:30	17:00	**Prof. S. Keshav** Communication Technologies for Energy Informatics	**Workshop** Ontologies for Energy Systems	**Workshop** Power Grid Quality Modeling		Departure
17:00	17:30					
17:30	18:00					
18:00	18:30	Welcome Reception			City Tour	
18:30	19:00					
19:00	19:30					
19:30	20:00	Restaurant/Bar	Restaurant/Bar	Summer School Dinner Location: Oberhaus	Restaurant/Bar	
20:00	20:30					
20:00	end					