

Wednesday, October 17th

Time	Name, Place of University	Research Project
08:00	David Gesbert, France <i>Invited Talk</i>	Precoding in Multiple Antenna Channels with Obsolete Feedback
08:40	Prof. Dr. rer. nat. Rudolf Mathar Dipl.-Ing. Henning Maier, Aachen	Cyclic Interference Alignment by Propagation Delay
08:50	Prof. Dr. Ana Perez-Neira, Barcelona, Spain	Transmit beamforming and power control for open spectrum communication systems
09:00	PD Dr.-Ing. Habil. Slawomir Stanczak Dipl. Ing. Mario Goldenbaum, Berlin	On Concurrent Transmission vs. Time Sharing in Interference Networks and the Computation of Vector-Valued Functions over Wireless Channels
09:10	Prof. Dr.-Ing. Aydin Sezgin Anas Chaaban M.Sc., Bochum	Interference Alignment and Neutralization in a Cognitive 3-User MAC-Interference Channel: Degrees of Freedom
09:20	<i>Poster-Session</i> (Mathar; Perez-Neira; Stanczak; Sezgin)	
10:00	Coffee Break	
10:30	Prof. Michael Honig, USA <i>Invited Talk</i>	Dynamic Spectrum Markets
11:10	Prof. Dr. Wolfgang Utschick Maximilian Riemensberger M.Sc. (hons), München	Wireless Broadcast Advantage – Models, Opportunities & Challenges
11:20	Univ.-Prof. Dr. Wolfgang Utschick Dr.-Ing. Michael Joham Andreas Gründinger M.Sc. (hons), München	Downlink Beamforming for Static and Mobile Receivers with Rank-One Channels

11:30	Prof. Dr. Jon Wallace Rashid Mehmood, Bremen	Physical-layer secure key generation in arbitrary fading and static channels: analysis, methods and measurements
11:40	Prof. Dr.-Ing Werner Henkel Alexandra Filip Oana Graur, Bremen	Network Coding Concepts for Large Networks and Quantization of RECAP Channels for Physical-Layer Security
11:50	<i>Poster-Session</i> (Utschick; Wallace; Henkel)	
12:30	Lunch Break	
14:30	COMONSENS-Session Prof. Luis Castedo University of Coruña	General overview of the COMONSENS project
14:50	Dr. Christian Lameiro University of Cantabria	Degrees-of-freedom for the 4-User SISO Interference Channel with Improper Signaling
15:10	Coffee Break	
15:40	Prof. Pedro Crespo CEIT	Asymptotic Results on Block Toeplitz Matrices with Application in Communications and Information Theory
16:00	Prof. Luis Castedo University of Coruña	The COMONSENS Multiuser MIMO Testbed
16:20	End of Conference / (Concluding Remarks)	