

ISWCS'2014 Workshop: Advanced Multi-Carrier Techniques for Next Generation Commercial and Professional Mobile Systems

Session	time	#	Title	Authors
1	9:00-9:30		Introduction of 5GNOW project/ Gerhard Wunder	
	9:30-10:00		Introduction of EMPhAtIC project / Xavier Mestre	
	10:00-10:20	1569965911	Integrating LTE Broadband System in PMR Band: OFDM vs. FBMC Coexistence Capabilities and Performances	Yahia Medjahdi; Le Ruyet Didier; Faouzi Bader; Laurent Martinod
	10:20-10:40	1569967359	Spectral Efficient Channel Estimation Algorithms for FBMC/OQAM Systems: A Comparison	Leonardo Gomes Baltar; Amine Mezghani; Josef A. Nossek
2	11:00-11:20	1569968529	A simplified scattered pilot design for FBMC/OQAM in high frequency selective channel	Zhao Zhao; Nikola Vucic; Malte Schellmann
	11:20-11:40	1569956227	Relaxed Synchronization Support of Universal Filtered Multi-Carrier including Autonomous Timing Advance	Frank Schaich; Thorsten Wild
	11:40-12:00	1569940677	Frequency Offset Estimation Based on PRACH Preambles in LTE	Aijun Cao; Pei Xiao; Rahim Tafazolli
	12:00-12:20	1569940701	Frequency Domain Pilot-based Carrier Frequency Offset Estimation in SC-FDMA system	Aijun Cao; Guangyi Wang; Yi Ma; Pei Xiao; Rahim Tafazolli
	12:20-12:40	1569968079	Widely Linear Filtering based Kindred Co-Channel Interference Suppression in FBMC Waveforms	Sladjana Josilo; Milan Narandžić; Stefan Tomić; Slobodan Nedic
3	14:10-14:30	1569961101	Efficient Adaptive Equalization of Doubly Dispersive Channels in MIMO-FBMC/OQAM Systems	Christos Mavrokefalidis; Athanasios A. Rontogiannis; Eleftherios Kofidis; Antonis Beikos; Sergios Theodoridis
	14:30-14:50	1569968487	On precoding MIMO-FBMC with imperfect channel state information at the transmitter	Didier Le Ruyet; Rostom Zakaria; Berna Özbek
	14:50-15:10	1569967861	Real-domain SIC for MIMO with FBMC Waveforms	Vladimir Stanivuk; Stefan Tomić; Milan Narandžić; Slobodan Nedic
	15:10-15:30	1569967375	Fast-Convolution Implementation of Linear Equalization Based Multiantenna Detection Schemes	Markku K. Renfors; Juha Yli-Kaakinen
	15:30-15:50	1569966887	A margin adaptive scheduling algorithm for FBMC/OQAM systems	Màrius Caus; Ana Perez-Neira; Marco Moretti; Adrian Kliks