



Session : Ultra wideband (SPECIAL SESSION)

Time: 16:50 – 18:50

Chair:	<i>Hakan Delic , Bogazici University</i>
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ENHANCED POSITION LOCATION WITH UWB IN OBSTRUCTED LOS AND NLOS MULTIPATH ENVIRONMENTS (Abstract)

Syed Faisal Ali Shah (University of Minnesota, United States)
Ahmed H. Tewfik (University of Minnesota, United States)



ON THE IMPLEMENTATION OF A TRANSMITTED-REFERENCE UWB RECEIVER (Abstract)

Mario Casu (Politecnico of Torino, Italy)
Giuseppe Durisi (Istituto Superiore Mario Boella, Italy)
Sergio Benedetto (Politecnico di Torino, Italy)

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BLIND SYNCHRONIZATION IN MULTIUSER TRANSMIT-REFERENCE UWB SYSTEMS ([Abstract](#))

Relja Djapic (Delft University of Technology, Netherlands)
Geert Leus (Delft University of Technology, Netherlands)
Alle-Jan Van der Veen (Delft University of Technology, Netherlands)
Antonio Trindade (Delft University of Technology, Netherlands)



HIGHLIGHTS OF UWB IMPULSE BEAMFORMING ([Abstract](#))

Sigmar Ries (Fachhochschule Südwestfalen, Germany)

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DESIGN AND PERFORMANCE ANALYSIS OF AN IMPULSE RADIO ULTRAWIDEBAND MULTIUSER TRANSMISSION SCHEME FOR WIRELESS PERSONAL AREA NETWORKS APPLICATIONS

(Abstract)

Jaouhar Ayadi	(CSEM, Switzerland)
Istvan Kovacs	(CTIF, Denmark)
Christoph Mecklenbräuker	(FTW, Austria)
John Farserotu	(CSEM, Switzerland)

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A TWO-STEP TIME OF ARRIVAL ESTIMATION ALGORITHM FOR IMPULSE RADIO ULTRA WIDEBAND SYSTEMS ([Abstract](#))

Sinan Gezici (Princeton University, United States)
Zafer Sahinoglu (Mitsubishi Electric Research Laboratories, United States)
Andreas F. Molisch (Mitsubishi Electric Research Laboratories, United States)
Hisashi Kobayashi (Princeton University, United States)
H. Vincent Poor (Princeton University, United States)

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