



Session : MIMO and Space-Time Processing

Time: 08:30 – 10:30

Chair:	<i>Mutlu Koca , Bogazici University</i>
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BLIND DIFFERENTIAL SCHEMES FOR CDMA ON DISPERSIVE MIMO CHANNELS ([Abstract](#))

Emanuele Grossi (University of Cassino, Italy)
Marco Lops (University of Cassino, Italy)
Luca Venturino (University of Cassino, Italy)



CONSTANT NORM ALGORITHMS FOR MIMO COMMUNICATION SYSTEMS ([Abstract](#))

Aissa Ikhlef (Supelec, France)
Daniel Le Guennec (Supelec, France)
Jacques Palicot (Supelec, France)

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 **BLIND LAYERED SPACE–TIME EQUALIZATION FOR MIMO OFDM SYSTEMS ([Abstract](#))**

Luciano Sarperi (The University of Liverpool, United Kingdom)
Xu Zhu (The University of Liverpool, United Kingdom)
Asoke K. Nandi (The University of Liverpool, United Kingdom)

 **SMART CANDIDATE ADDING: A NEW LOW–COMPLEXITY APPROACH TOWARDS NEAR–CAPACITY MIMO DETECTION ([Abstract](#))**

Patrick Marsch (TU Dresden, Vodafone Chair, Germany)
Ernesto Zimmermann (TU Dresden, Vodafone Chair, Germany)
Gerhard Fettweis (TU Dresden, Vodafone Chair, Germany)

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ADAPTIVE LAYERED SPACE-FREQUENCY EQUALIZATION FOR SINGLE-CARRIER MIMO SYSTEMS ([Abstract](#))

Ye Wu (The University of Liverpool, United Kingdom)
Xu Zhu (The University of Liverpool, United Kingdom)
Asoke K. Nandi (The University of Liverpool, United Kingdom)



ORTHOGONALIZATION OF QUASI-ORTHOGONAL SPACE-TIME BLOCK CODES IN MULTIPATH FADING ENVIRONMENTS BY USING FEEDBACK ([Abstract](#))

Cenk Toker (King's College London, United Kingdom)
Sangarapillai (King's College London, United Kingdom)
Lambotharan (Cardiff University, United Kingdom)
Jonathon A. Chambers (Cardiff University, United Kingdom)