



**Session : Space–Time Coding, MIMO Systems and Beamforming
(SPECIAL SESSION)**

Time: 10:50 – 12:50

Chair:	<i>Abbas Yongaçođlu , University of Ottawa, Canada</i>
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**AN EFFICIENT SVD UPDATE ALGORITHM AND APPLICATIONS TO MIMO COMMUNICATIONS
([Abstract](#))**

Tricia Willink (Communications Research Centre, Canada)



**COMBINED SPATIAL/BEAMFORMING AND TIME/FREQUENCY PROCESSING FOR BLIND SOURCE
SEPARATION ([Abstract](#))**

Qiongfeng Pan (University of Ottawa, Canada)
Tyseer Aboulnasr (University of Ottawa, Canada)



**THE USE OF DECORRELATION AND CODE DIVISION MULTIPLEXED PILOTS FOR DS–CDMA
SYSTEMS WITH MULTIAN TENNA RECEIVERS ([Abstract](#))**

Claude D'Amours (University of Ottawa, Canada)
Naser Salam (University of Ottawa, Canada)

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A HIGH–ORDER–MODULATION SPACE–TIME RECEIVER WITH INCREASED PEAK RATE AND THROUGHPUT FOR WIDEBAND CDMA ([Abstract](#))

Sofiène Affes (INRS–ÉMT, Canada)



ADAPTIVE RESOLUTION ANGLE OF ARRIVAL ESTIMATION ([Abstract](#))

Gunes Karabulut (University of Ottawa, Canada)

Abbas Yongacoglu (University of Ottawa, Canada)

Tolga Kurt (University of Ottawa, Canada)

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LATTICE DECODING OF LAYERED VERTICAL SPACE–TIME CODES (Abstract)

Miguel Bazdresch (Instituto Tecnológico y de Estudios Superiores de Occidente, Mexico)

Jorge

Rodriguez–Guisantes

(Ecole Nationale Supérieure des Telecommunications, France)

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