



**Session : Detection and Estimation**

**Time: 08:30 – 10:30**

**Chair:** *Pierre Moulin , University of Illinois at Urbana–Champaign*

 **FREQUENCY OFFSET ESTIMATION BASED ON PHASE OFFSETS BETWEEN SAMPLE CORRELATIONS ([Abstract](#))**

Ivan Perisa (University of Ulm, Germany)

 **GPS/GNSS RESIDUAL ANALYSIS VIA COMPETITIVE–GROWTH MODELING OF IONOSPHERE DYNAMICS ([Abstract](#))**

Kohji Kamejima (Osaka Institute of Technology, Japan)

 **MAXIMUM A POSTERIORI ESTIMATION OF RADAR CROSS SECTION IN SAR IMAGES USING THE HEAVY–TAILED RAYLEIGH MODEL ([Abstract](#))**

Alin Achim (University of Bristol, United Kingdom)  
Ercan E. Kuruoglu (ISTI–CNR, Italy)  
Josiane Zerubia (INRIA, France)

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**A PROBABILISTIC APPROACH TO BOUNDARY HANDLING ([Abstract](#))**

Anil Anthony Bharath (Imperial College London, United Kingdom)

Jeffrey Ng (Imperial College London, United Kingdom)



**ROBUST DECONVOLUTION OF NOISY SIGNALS ([Abstract](#))**

Yonina Eldar (Technion, Israel)

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**DETECTION AND TRACKING OF NON-STATIONARY TRANSIENT SIGNALS BASED ON THE INNOVATIONS FILTER (Abstract)**

Maciej Lopatka                    (University of Paris XII and Wroclaw University of Technology, France)  
Olivier Adam                      (University of Paris XII, France)  
Christophe Laplanche          (University of Paris XII, France)  
Jean-François Motsch          (University of Paris XII, France)  
Jan Zarzycki                        (Wroclaw University of Technology, Poland)

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