



## Session : Nonstationary Signal Processing

Time: 08:30 – 10:30

**Chair:** *Aydin Akan , Istanbul University*



### **MULTI-COMPONENT SIGNAL DENOISING USING UNITARY TIME-FREQUENCY TRANSFORMS**

#### **(Abstract)**

Arnaud Jarrot (E3I2 Laboratory, ENSIETA, France)  
Cornel Ioana (E3I2 Laboratory, ENSIETA, France)  
André Quinquis (E3I2 Laboratory, ENSIETA, France)  
Jean-Claude Le Gac (GESMA, France)



### **ON THE ESTIMATION OF NON-STATIONARY FUNCTIONAL SERIES TARMA MODELS (Abstract)**

Aggelos Poulimenos (University of Patras, Greece)  
Spilios D. Fassois (University of Patras, Greece)

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**MULTITAPER SPECTRAL ESTIMATION: A GENERALIZED WINDOWS APPROACH ([Abstract](#))**

Nurgün Erdöl

(Florida Atlantic University, United States)



**IS PCA RELIABLE FOR THE ANALYSIS OF FRACTIONAL BROWNIAN MOTION? ([Abstract](#))**

Tolga Esat Özkurt

(Istanbul Technical University, Turkey)

Tayfun Akgül

(Istanbul Technical University, Turkey)

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### **MULTICOMPONENT SIGNAL: LOCAL ANALYSIS AND ESTIMATION ([Abstract](#))**

Meryem Jabloun

(LIS Laboratoire des Images et des Signaux, France)

Nadine Martin

(LIS Laboratoire des Images et des Signaux, France)

Michelle Vieira

(LIS Laboratoire des Images et des Signaux, France)

Francois Leonard

(Institut Hydro Quebec, Canada)

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### **A COMPARATIVE STUDY OF SOME TIME-FREQUENCY DISTRIBUTIONS USING RENYI CRITERION** **(Abstract)**

Daoud Boutana

(University of Jijel, Algeria)

F. Marir

(University of Constantine, Algeria)

Messaoud Benidir

(Laboratoire des Signaux et Systemes, CNRS / Supelec, France)

B. Barkat

(School of Electrical and Electronic Engineering, Singapore)

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