



**Session : Recent Applications in Time–Frequency Analysis  
(SPECIAL SESSION)**

**Time: 10:50 – 12:50**

**Chairs:**

*Aydin Akan , Istanbul University ;  
Luis Chaparro , University of Pittsburgh*



**IMPROVEMENT OF THE FAST MOVING TARGETS PRESENTATION IN ISAR BY USING THE S–METHOD ([Abstract](#))**

Ljubisa Stankovic (University of Montenegro, Yugoslavia)  
Thayanathan (Defence Research and Development, Canada)  
Thayaparan  
Milos Dakovic (Univerisity of Montenegro, Yugoslavia)



**AN EFFICIENT ANALYSIS TECHNIQUE FOR DNA SEQUENCES USING MULTIWINDOW GABOR REPRESENTATIONS ([Abstract](#))**

Nagesh Subbanna (Technion – Israel Institute of Technology, Israel)  
Yehoshua Y. Zeevi (Technion – Israel Institute of Technology, Israel)

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**GENERALIZATION OF TIME–FREQUENCY SIGNAL REPRESENTATIONS TO JOINT FRACTIONAL  
FOURIER DOMAINS ([Abstract](#))**

Lutfiye Durak (KAIST, South Korea)  
Ahmet Kemal Ozdemir (WesternGeco Ltd., United Kingdom)  
Orhan Arikan (Bilkent University, Turkey)  
lickho Song (KAIST, South Korea)



**INFORMATION–THEORETIC SIGNAL PROCESSING ON THE TIME–FREQUENCY PLANE AND  
APPLICATIONS ([Abstract](#))**

Selin Aviyente (Michigan State University, United States)

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**DIGITAL COMPUTATION OF THE FRACTIONAL MELLIN TRANSFORM ([Abstract](#))**

Edip Biner

(Dokuz Eylul University, Department of Electrical and Electronics Engineering,  
Turkey)

Olcay Akay

(Dokuz Eylul University, Department of Electrical and Electronics Engineering,  
Turkey)



**CHANNEL MODELING AND ESTIMATION FOR ROBUST MC–SS SYSTEMS ([Abstract](#))**

Seda Senay

(Yeditepe University, Turkey)

Aydin Akan

(Istanbul University, Turkey)

Luis F. Chaparro

(University of Pittsburgh, United States)

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