



Session : Biomedical Signal Analysis

Time: 15:10 – 16:30

Chair:	<i>Burak Acar , Bogazici University</i>
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SIMULTANEOUS TRIPLE-REGISTRATION OF ICTAL SPECT, INTERICTAL SPECT AND MR IMAGES FOR EPILEPSY STUDIES: METHOD AND VALIDATION ([Abstract](#))

Erkan Unal Mumcuoglu (Middle East Technical University, Turkey)
Fatih Nar (Middle East Technical University, Turkey)
Yasemin Yardimci (Middle East Technical University, Turkey)
Umut Kocak (Middle East Technical University, Turkey)
Eser Lay Ergun (Nuclear Medicine Dep., Hacettepe University, Turkey)
Belkis Erbas (Nuclear Medicine Dep., Hacettepe University, Turkey)
Omer Ugur (Nuclear Medicine Dep., Hacettepe University, Turkey)
Bilge Volkan Salanci (Nuclear Medicine Dep., Hacettepe University, Turkey)

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HYBRID SEGMENTATION OF THE HIPPOCAMPUS IN MR IMAGES ([Abstract](#))

Wei Wei Lee (The Robert Gordon University, United Kingdom)
Iain Richardson (The Robert Gordon University, United Kingdom)
Yafan Zhao (The Robert Gordon University, United Kingdom)
Ken Gow (The Robert Gordon University, United Kingdom)
Roger T. Staff (University of Aberdeen, United Kingdom)

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HEAT DIFFUSION BASED DETECTION OF COLONIC POLYPS IN CT COLONOGRAPHY ([Abstract](#))

Ender Konukoglu (Bogazici University, Turkey)
Burak Acar (Bogazici University, Turkey)
David S. Paik (Stanford University, United States)
Christopher F. Beaulieu (Stanford University, United States)
Sandy Napel (Stanford University, United States)



STRUCTURE PRESERVING REGULARIZATION OF DT-MRI VECTOR FIELDS BY NONLINEAR ANISOTROPIC DIFFUSION FILTERING ([Abstract](#))

Erdem Yoruk (Bogazici University, Turkey)
Burak Acar (Bogazici University, Turkey)

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