



TECHNICAL PROGRAM



3rd Mediterranean Conference on Pattern Recognition & Artificial Intelligence (MedPRAI 2019)

Dates: 22 - 23 December 2019

Department of Computer Engineering, Istanbul Sabahattin Zaim University

DAY - 1 (22nd December 2019)

Registration (08:30 - 09:30)

Opening Ceremony - Seminar Hall -II
(09:30 - 10:30)

09:30 Welcome Address by Conference Chair

09:45 Keynote Speech by Prof. Dr. Bulent Bayram

10:15 Address by the Guest of Honor

10:30 Hi-Tea & Networking

Group Photo / Refreshments

Time: 10:30 - 11:00 Venue: Seminar Hall -II Corridor

Technical Session I

Time : 11:00 - 12:20 Venue: Seminar Hall-II Chair: Atmani Baghdad

11:00 - 11:20 PID:47 An Intelligent Context Aware Recommender System for Real-Estate
Faiza Rehman, Adnan Ul-Hasan, Faisal Shafait and Raheel Nawaz

11:20 - 11:40 PID:45 Video Steganography using 3D Convolutional Neural Networks
Mahdi Abdolmohammadi, Rahil Mahdian Toroghi and Azam Bastanfard

11:40 - 12:00 PID:11 Improving Deep Learning Parkinson's Disease Detection Through Data
Augmentation Training
Catherine Taleb, Laurence Likforman-Sulem and Chafic Mokbel

12:00 - 12:20 PID:18 Bayesian Convolutional Neural Network: Robustly Quantify Uncertainty for
Misclassifications Detection
Cedrique Rovile Njjeutcheu Tassi

LUNCH

Time: 12:30 - 14:00 Venue: IZU Cafeteria (Yemekhane)

Technical Session II

Time: 14:00 - 15:00 Venue: Seminar Hall -II Chair: Akhtar Jamil

14:00 - 14:20 PID:02 Room-Level Indoor Localization with Artificial Neural Networks
Ahmet Serdar Karadeniz and Mehmet Önder Efe

14:20 - 14:40 PID:09 Haralick Feature Guided Network for the Improvement of Generalization in
Landcover Classification
Yuzhun Lin, Daoji Li, Chuan Zhao, Junfeng Xu and Baoming Zhang

14:40 - 15:00 PID:10 Determining Venue and Detecting Changes Using a Single Training Video
Ryan Bluteau, Boubakeur Boufama and Pejman Habashi

Refreshments

Time: 15:00 - 15:30 Venue: Seminar Hall -II Corridor

Technical Session III		
Time: 15:30 - 16:30 Venue: Seminar Hall -II Chair: Adnan Ul-Hasan		
15:30 - 15:50	PID:03	A Simple Authentication Method with Multilayer Feedforward Neural Network Using Keystroke Dynamics Ahmet Melih Gedikli and Mehmet Önder Efe
15:50 - 16:10	PID:06	Exploring Model Transfer Potential for Airborne LiDAR Point Cloud Classification Yuzhun Lin, Chuan Zhao, Daoji Li, Junfeng Xu and Baoming Zhang
16:10 - 16:30	PID:15	Deep Convolutional Neural Network with 2D Spectral Energy Maps for Fault Diagnosis of Gearboxes under Variable Speed Junayed Hasan and Jong-Myon Kim
GALA DINNER		
Time: 19:00 - 21:00 Venue: You will be informed during registration		
DAY - 2 (23rd December 2019)		
Technical Session IV		
Time: 09:30 - 11:00 Venue: Seminar Hall - II Chair: Akhtar Jamil		
09:30 - 09:50	PID: 51	Music Generation using an Interactive Evolutionary Algorithm Majid Farzaneh and Rahil Mahdian Toroghi
09:50 - 10:10	PID:46	DeepRank: Adapting Neural Tensor Networks for Ranking the Recommendations Raaiha Humayun Kabir, Bisma Pervaiz, Tayyeba Muhammad Khan, Adnan Ul-Hasan, Raheel Nawaz and Faisal Shafait
10:10 - 10:30	PID:43	Particle Filter for Trajectories of Movers from Laser Scanned Dataset Md. Haidar Sharif
10:30 - 10:50	PID:04	A Comparative Study of ANN Tuning Methods for Multiclass Daily Activity and Fall Recognition Tevfik Aktay and Mehmet Önder Efe
Refreshments		
Time: 10:50 - 11:15 Venue: Seminar Hall-II Corridor		
Technical Session V		
Time: 11:15 - 12:25 Venue: Seminar Hall-II Chair: Ali Hamitoglu		
11:15 - 11:45		Keynote Speech Prof. Dr. Dursun Zafer Seker
11:45- 12:05	PID:50	Integration of fuzzy clustering into the Case Base Reasoning for the prediction of response to immunotherapy treatment Fatima Saadi, Baghdad Atmani and Fouad Henni
12:05 - 12: 25	PID:12	Human Action Recognition Using Stereo Trajectories Pejman Habashi, Boubakeur Boufama and Imran Ahmad
Closing Ceremony		
Time: 12: 30 - 13:00 Venue: Seminar Hall-II		
12:30		Concluding Remarks by Conference Chair
12:45		Awards
12:50		Closing
Lunch		
Time: 13:00 - 14:00 Venue: IZU Cafeteria (Yemekhane)		