

IVPAI2019 Oral List

Date: Aug.25 Time: 13:00-18:00

Address: Shanghai Advanced Research Institute (Conference Hall, Building #10, No.100 Haike Road, Zhangjiang Hi-Tech Park, Pudong Shanghai)

Session	Order	ID	Registered Author	Units	Title
Session 1 Deep Learning Applications	1	IVP200-96	ZHOU Jing	Dalian University of Technology	Deep learning-based visual inspection for the delayed brittle fracture of high-strength bolts in long-span steel bridges
	2	IVP200-7	DENG Xiangyu	Northwest Normal University	Automatic Segmentation Algorithm of License Plate Image Based on PCNN and DNN
	3	IVP200-30	ZHOU Bolin	China Automotive Technology and Research Center Co., Ltd,	Research on Autonomous Driving Perception based on Deep Learning Algorithm
	4	IVP200-35	JIA Tao	China Unicom System Integration Limited Corporation	A Research on Generative Adversarial Network Algorithm based on GPU Parallel Acceleration
	5	IVP200-40	LIU Yingnan	Worcester Polytechnic Institute	CNNs in the Frequency Domain for Image Super-resolution
	6	VP213	XIA Jun	The State University of New York	Removing Limited-View and Under-sampling Artifacts in Ring-shaped Photoacoustic Tomography through a Convolutional Neural Network
	7	IVP200-101	FU Shilei	Fudan University	Real-time Patient Facial Expression Recognition Using Convolutional Neural Network
	8	IVP200-107	XIA Lubin	Beijing Institute of Technology	Night Colorize: Fully Convolutional Colorization Network for Low-Light Images
	9	IVP200-119	Mikhail Basarab	Bauman Moscow State Technical University	Convolutional neural networks application in cardiovascular decision support systems
Session 2 Computational Modelling	10	IVP200-9	HUA Jie	Shaoyang University	Adopting Centrality Measure Models in Visualized Financial Datasets
	11	IVP200-12	YANG Junjie	Guangdong University of Technology	A Sparsity-Relaxed Algorithm for the Under-determined Convolutional Blind Source Separation
	12	IVP200-57	Guo Xiuyan	Guilin University of Electronic Technology	A New Distance Measure Based on Pythagorean Hesitant Fuzzy Sets and Its Application to Multicriteria Decision Making
Session 3 Image Processing	13	IVP200-34	Wen-Liang Hsue	Department of Electrical Engineering, Chung Yuan Christian University	Asymmetric multiple-images cryptosystems based on discrete multiple-parameters fractional Fourier transforms
	14	IVP200-42	WEI Chao	Fujian Normal University	Denosing and Contrast Enhancement Fusion Based on White Balance for Underwater Images
	15	VP230	ZHAO Wang	Wuhan University	Research and Design of Three-dimensional Brain Augmented Reality System Based on Medical Image Features
	16	VP249	Orawan Chaowalit	Silpakorn University	Smooth Voxel Surface for Medical Volumetric Rendering
	17	IVP200-103	LI Zhong	National University of Defense Technology	A new gait energy image based on mask processing for pedestrian gait recognition

Session 4 Pattern Recognition and Intelligent Systems	18	IVP200-26	Nikita Shulga	ICS, Russian Academy of Sciences	Pattern Recognition by Pattern Inversion
	19	IVP200-69	LIU Yu	East China Normal University	Semantic-Constraint Graph Dual Non-Negative Matrix Factorization in Text Co-clustering
	20	IVP200-85	CHEN Jian	Fuzhou University	Improved extreme learning machine and its application in SAR target recognition
	21	IVP200-92	Apoorve Singhal	Indian Institute of Technology Kharagpur	Real-time Lane Detection, Fitting and Navigation for Unstructured Environments
	22	IVP200-93	CAI Siwen	Harbin University of Science and Technology	A Fast Blink-Control System Based on FPGA
	23	VP233	Jaehoon Cha	Xi'an Jiaotong-Liverpool University	Analysis on EEG signal with Machine Learning
	24	VP252	Masoud Charkhabi	Stanford University	Efficient Training and Inference in Highly Temporal Activity Recognition