NAMSP'2021 Program

All Hours are GMT

July 8th, 2021 (Thursday)

12:00 – 12:30 Opening

12:30 – 13:00 Plenary Lecture 1: *Wang, W., Intelligence Extenics: Five Layer-Intelligence of the Machine Brain*

13:00 – 13:30 Plenary Lecture 2: *Singh, P., Industry Evolution and 4th Industry Revolution. Impact of Industry 4.0 in Present Scenario*

13:30 – 14:00 Plenary Lecture 3: *Milanova, M., Bringing GPU-Accelerated Computing, Data Science and Deep Learning to the Classroom*

14:00 – 14:30 Plenary Lecture 4: *Salem, A.-B. M., Machine learning for biometric recognition based on fusion of finger and dorsal hand veins*

July 9th, 2021 (Friday)

Paper Session 1:

Chairman: *Prof. Wenfeng Wang, School of Electrical and Electronic Engineering, Shanghai Institute of Technology, China*

11:00 – 11:15 *Yuanzhen, L., Wei, L., Yujia, C., Density Calculation of Pseudo-breast MRI Based on Adversarial Generative Network*

11:15 – 11:30 *Wang, W., Zhang, J., Liu, X., Meng, Z., Hu, B., Identifying people wearing masks in a 3D-Scene*

11:30 – 11:45 *Wang, W., Zhang, J., Hu, B., Meta-learning with Logistic Regression for Multi-Classification*

11:45 – 12:00 *Zhu, Y., Zhang, K., Wang, W., Measurement for Blade Edge Based on Machine Vision*

Paper Session 2:

Chairman: *Prof. Dr. Parvinder Singh, Department of Computer Science & Engineering, Deenbandhu Chhotu Ram University of Science & Technology, India*

12:00 – 12:15 *Sultana, N., Tasaouf Mridula, D., Sheikh, Z., Iffath, F., Shopon, Md, Dense Optical Flow and Residual Network Based Human Activity Recognition*

12:15 – 12:30 *Lather, M., Singh, P., Contrast Enhancement and Noise Removal From Medical Images Using a Hybrid Technique*

12:30 – 12:45 *Panwar, M., Rathi, K., Location allocation models for locating public healthcare facilities in India*

12:45 – 13:00 *Nandan, L. K., Jose, G., Alida, P. A., Amalsankar, P. S., Online Shopping with Augmented Reality using AI Assistant*

Paper Session 3:

Chairman: *Prof. Dr. Ivo Draganov, Technical University of Sofia, Bulgaria*

13:00 – 13:15 *Ahmed, M. A., Salem, A.-B. M., Multimodal Technique for Human Authentication using Fusion of Palm and Dorsal Hand Veins*

13:15 – 13:30 *Soliman, S. A., El-Dahshan, E.-S. A., Salem, A.-B. M., Deep Learning 3D Convolutional Neural Networks for Predicting Alzheimer's Disease (ALD)*

13:30 – 13:45 *Kountchev, R., Kountcheva, R., Hierarchical tensor decomposition trough 3D Branched Inverse Difference Pyramid, based on 3D-WHT*

13:45 – 14:00 *Kountchev, R., Kountcheva, R., Equalization of the directional multidimensional histograms of matrix and tensor images*

14:00 – 14:15 *Nasiri, E., Milanova, M., Nasiri, A., Video Surveillance Framework Based On Real -Time Face Mask Detection and Recognition*

14:15 – 14:30 *Draganov, I., R. Mironov, Object Motion Detection in Video by Fusion of RPCA and NMF Decompositions*