



Schedule of Paper Presentations

ICETCI 2021



All given times are according to Indian Standard Time, i.e. UTC + 5:30

Day - 2: 26th August 2021 (Thursday)

Session 1: Deep Learning - 1

| Time | Paper-id | Paper-title | Author Names |
|---------|------------|---|---|
| 2.30 PM | 1570726787 | Temporal Difference Rewards for End-To-End Vision-Based Active Robot Tracking Using Deep Reinforcement Learning | Pavlos Tiritiris and Nikolaos Passalis (Aristotle University of Thessaloniki, Greece); Anastasios Tefas (CSD, Greece) |
| 2.45 PM | 1570709026 | Image Processing Techniques for Chest Radiography Enhancements and Pneumonia Detection | Dibjyayoti Jena and Natasha Pradhan (Center of Excellence Artificial Intelligence Lab, India) |
| 3.00 PM | 1570709201 | Deep Learning for Self-Tuning of Control Systems | Junaid Farooq and Mohammad Abid Bazaz (National Institute of Technology Srinagar, India) |
| 3.15 PM | 1570709269 | Genre Classification Using Spectrograms as Input to CNN on Indian Music | Prafulla Kalapatapu (Mahindra University & Ecole Centrale School of Engineering, India), Sanchit Gupta, Aditi Sharma, J. Lakshmi Sravani and Aruna Malapati (BITS, Pilani, Hyd) |
| 3.30 PM | 1570709422 | Support for Interview Preparation with Deep Learning Based Language Model | Conrad Czejdo (UNC, USA); Sambit Bhattacharya (Fayetteville State University, USA) |

Session 2: General Topics in Computational Intelligence - 1

| Time | Paper-id | Paper-title | Author Names |
|---------|------------|--|---|
| 2.30 PM | 1570699097 | Multi-Objective Differential Evolution with Unbalanced Divide-And-Conquer Strategy for Warehouse Resource Allocation | Jahnvi Malagavalli, Sai Gowtham, Abhimanyu Bellam and Arya Kumar Bhattacharya (Mahindra University, India); Karunakar Gadireddy, Ahmad Shehabinia and Takatsugu Kobayashi (GROUND Inc., Japan) |
| 2.45 PM | 1570709937 | Building Digi-Encyclopedia of Indian Traditional Houses Using Augmented Reality | Krishna Chaitanya Paramkusham (Mahindra University, India); Prafulla Kalapatapu and Venkata Dilip Kumar Pasupuleti (Mahindra University & Ecole Centrale School of Engineering, India) |
| 3.00 PM | 1570710007 | Cloud Architecture for IOT Based Bridge Monitoring Applications | Visvesh Naraharisetty (Student of Mahindra University, India); Talari Venkat Surendar (Mahindra University, India); Sairam Neridu (Research Scholar, Mahindra University, India); Prafulla Kalapatapu and Venkata Dilip Kumar Pasupuleti (Mahindra University & Ecole Centrale School of Engineering, India); |
| 3.15 PM | 1570724622 | Sensing Multi-Agent System for Anomaly Detection on Crop Fields Exploiting the Phenological and Historical Context | Valerio Serino, Danilo Cavaliere and Sabrina Senatore (University of Salerno, Italy) |

Session 3: Artificial Neural Networks for Computer Vision

| Time | Paper-id | Paper-title | Author Names |
|---------|------------|---|--|
| 2.30 PM | 1570726801 | AVHYAS: A Free and Open Source QGIS Plug-In for Advanced Hyperspectral Image Analysis | Anand S Sahadevan (Space Applications Centre, ISRO, India); Rosly Boy Lyngdoh, Touseef Ahmad, Pradyuman Singh Rathore, Manoj Mishra, Praveen Kumar Gupta and Arundhati Misra (ISRO, India) |
| 2.45 PM | 1570726777 | Analysis of Voxel-Based 3D Object Detection Methods Efficiency for Real-Time Embedded Systems | Illia Oleksiienko and Alexandros Iosifidis (Aarhus University, Denmark) |
| 3.00 PM | 1570726791 | Phasor Quaternion Neural Network Framework and Its Significance in Big SAR Intelligence | Akira Hirose (The University of Tokyo, Japan) |
| 3.15 PM | 1570709324 | Estimating Similarity Between Visual and Long Wave Infrared Patches Using Siamese CNN | Siva Jyothi C (Keshav Memorial Institute of Technology, India); Sandhya Banda (MVSR Engineering College, India) |
| 3.30 PM | 1570701858 | Visual Recognition of Local Kashmiri Objects with Limited Image Data Using Transfer Learning | Rayees A. Dar and Assif Assad (Islamic University of Science and Technology, India) |

Day - 3: 27th August 2021 (Friday)

Session 4: Deep Learning - 2

| Time | Paper-id | Paper-title | Author Names |
|---------|------------|---|--|
| 2.30 PM | 1570701739 | A Learning Transition from Machine Learning to Deep Learning: A Survey | Mercy Dol and Angelina Geetha (Hindustan Institute of Technology and Science, India) |
| 2.45 PM | 1570706830 | Teaching and Learning the Principles of Wireless Communication Through Smartphone and CRFO | Prabhu Chandhar and Sathish Babu (Chandhar Research Labs Pvt Ltd, India); Tamizh Elakkiya (SRM University, India) |
| 3.00 PM | 1570706866 | Comparison of Deep Architectures for Indoor RF Signal Classification | Tamizh Elakkiya (SRM University, India); Prabhu Chandhar (Chandhar Research Labs Pvt Ltd, India); Sabitha Gauni (SRM University, India) |
| 3.15 PM | 1570726771 | White Blood Cells Subtypes Classification Using Fast Traditional Convolution Neural Network | Animesh Sharma, Sharath Thomas, Anant Sah, Varad Vinayak Abhyankar and Vineet Singh (Vellore Institute of Technology, India); Surya Prakash (IIITDM Kurnool, India) |
| 3.30 PM | 1570703095 | Prevention of Emotional Entrapment of Children on Social Media | Kirupalini S, Aditi Baskar, Amruthavarshini Ramesh, Gayathri Rengarajan, Gowri S and Swetha S (Anna University, India); Sangeetha D (Madras Institute of Technology, Anna University, India) |

Session 5: General Topics in Computational Intelligence - 2

| Time | Paper-id | Paper-title | Author Names |
|---------|------------|--|--|
| 2.30 PM | 1570704303 | Automatic Recognition of License Plates | Tanushri Bhagat and Rahul Thakur (Delhi Technological University, India) |
| 2.45 PM | 1570708233 | GSA Based PID Controller for Load Frequency Control of Multi-Area Hybrid Power System | Ajay Kumar (Kalinga Institute of Industrial Technology, India); Deepak Gupta (IIT (BHU), Varanasi, India); Sriparna RoyGhatak (KIIT University, India) |
| 3.00 PM | 1570705007 | Novel Approach for Memory Storage Systems with Chaos-Chaos Intermittency | Sou Nobukawa (Chiba Institute of Technology, Japan); Nobuhiko Wagatsuma (Toho University, Japan); Haruhiko Nishimura (University of Hyogo, Japan); Keiichiro Inagaki (Chubu University, Japan); Teruya Yamanishi (Fukui University of Technology, Japan) |
| 3.15 PM | 1570706647 | Associative Memories Based on Spherical Seperability | Garimella Ramamurthy (Mahindra University, India); Tata Jagannadha Swamy (Gokaraju Rangaraju Institute of Engineering and Technology Hyderabad & GRIET, India) |
| 3.30 PM | 1570705182 | SDN Based Cognitive Security System for Large-Scale Internet of Things Using Fog Computing | Prabavathy S and Supriya Vaddi (G Narayanamma Institute of Technology and Science (For Women), India) |

Session 6: Sequence Modelling

| Time | Paper-id | Paper-title | Author Names |
|---------|------------|--|--|
| 2.30 PM | 1570726794 | Credibility of Social-Media Content Using Bidirectional Long Short-Term Memory-Recurrent Neural Networks | Sai Parichit Akula and Nagendra Kamati (St Peter's Engineering College, India) |
| 2.45 PM | 1570705349 | Bangla-German Language Translation Using GRU Neural Networks | Joy Paul (Rajshahi University of Engineering and Technology, Rajshahi, Bangladesh); Zerin Jahan (Rajshahi University of Engineering and Technology, Bangladesh); Kazi Fahim Lateef (Rajshahi University of Engineering & Technology, Bangladesh) |
| 3.00 PM | 1570709009 | HAR Using Bi-Directional LSTM with RNN | Nikhil Kumar Singh (Accenture, India); Sriranga Suprabhath Koduru (Mahindra University, India) |
| 3.15 PM | 1570709312 | Trajectory Tracking of a 2-DOF Helicopter System Using Fuzzy Controller Approach | Abhishek Chaudhary (Delhi Technological University, India) |
| 3.30 PM | 1570710029 | Identification of Multiple Cracks on Beam Using Fuzzy Logic | Govardhan Polepally (Mahindra University, India); Prafulla Kalapatapu and Venkata Dilip Kumar Pasupuleti (Mahindra University & Ecole Centrale School of Engineering, India) |

End of Paper Presentation Schedule