5th IEEE International Conference on Data Science and Engineering

Technical Program   ICDSE 2019

26—28 September 2019, IIT Patna, India.   https://www.iitp.ac.in/~icdse2019/

Program Highlights
26th September 2019 (Thursday) (Venue: IIT Patna)

09:00AM –10:00AM	**Registration**
10:00AM- 01:00PM	**Tutorial** **Deep Learning and Applications** **(Dr Arijit Mondal)**
01:00PM –02:00PM	**Lunch Break**
02:00PM --02:30PM	**Inaugural Event**
02:30PM --03:10PM	**Keynote Talk 1** **Prof. Sanghamitra Bandyopadhyay** **Director, ISI Kolkata**
03:10PM --03:45PM	**Keynote Talk 2** **Mitra Bhanu Rath** **Senior Solutions Architect – Deep Learning, NVIDIA**
03:45PM-04:00PM	**Tea Break**
04:00PM-06:00PM	**Technical Sessions** **Machine Learning for Secure Systems (MLSS) &** **Session Chair:** Dr Somanath Tripathy **Machine Learning and Applications(MLA)** **Session Chair:** Dr Joydeep Chandra

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	27th September 2019 (Friday)
09:00AM –09:30AM	**Registration**
09:30AM –10:45AM	**Technical Session** **Data Modeling & Semantic Engineering(DMSE)** (Session chair: Dr Samrat Mondal)
10:45AM –11:00AM	**Tea Break**
11:00AM --11:40AM	**Keynote Talk 3** **Prof. Yann Busnel, IMT Atlantique, Bretagne-Pays de la Loire, France**
11:40AM -- 12:30PM	**Keynote Talk 4** **Professor Dhiren Patel, Director, VJTI Mumbai**
12:30PM – 02:00PM	**Lunch Break**
02:00PM -- 02:45PM	**Keynote Talk 5** **Dr Teresa Galvão Dias** University of Porto, Portugal
02:45PM -- 03:45PM	**Technical Session** Data Science and Engineering(DSE) **Session Chair:** Arijit Mondal,

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03:45PM – 04:00PM	**Tea Break**
04:00PM – 04:40PM	**Keynote Talk 6** Dr Mohamed Rawidean Mohd Kassim, MIMOS, Malaysia
04:40PM-–06:00PM	**Technical Session** **Information Network Analytics(INA)** **Session Chair: Prof.** Santhosh K. G., Cochin University of Sci &Tech, India

	28th September (Saturday) (Venue: IIT Patna)
08:30AM --09:30AM	**Registration**
09:30AM-10:00 AM	Prof . Arun Kumar Sinha, University of South Bihar
10:00AM – 11:30AM	Technical Session Computational Intelligence(CI) (Session chair: Dr Mayank Agarwal)
11:00AM -- 11:40AM	**Professor R.K. Shyamasundar** **JC Bose National Fellow & Distinguished V. Professor** **IIT Bombay**
11:40:AM --12:15PM	**Invited Talk** Prof Zhou Liu, Alborg Univeristy, Denmark
12:15:PM --12:30PM	**Valedictory Function**

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Machine Learning for Secure Systems (MLSS)

045:Empirical Study to Detect the Collision Rate in Similarity Hashing Algorithm Using MD5
        Tushaar Gangavarapu, Jaidhar C.D.

172:KeySED:An Efficient Keyword based Search Over Encrypted Data in Cloud Environments
         Kasturi Dhal, Satyananda Champati Rai, Prasant Kumar Pattnaik, S. Tripathy

111:Speech Recognition Learning Framework for Non-Native English Accent   Mihir Thakkar, Susan Elias,   Ashwin Ashok

107:Human Activity Recognition using Deep Neural Network   Piyush Mishra, Sourankana Dey, Suvro Shankar Ghosh, Dibyendu Bikash Seal, Saptarsi Goswami

159:Q-value update integration Learning Automata QL-RACH (QVLA-RACH) Access Scheme for Cellular M2M Communications   Nasir A. Shinkafi, Lawal Muhammad Bello, Dahiru Sani Shu'aibu,   Ibrahim Saidu

Machine Learning and Applications(MLA)

114:Surface Remeshing using Quadric based Mesh Simplification and Minimal Angle Improvement   Dakshata M. Panchal,   Deepak J. Jayaswal

022:Real Time Arrhythmia Monitoring with Machine Learning Classification and IoT
         Devadharshini M S, Heena Firdaus A S, Sree Ranjani R and Devarajan N

171:Generative model chatbot for Human Resource using Deep Learning Salim Akhtar Sheikh, Vineeta Tiwari, Sunita Singhal

122:Analyzing Smart Meter Data using a Two-stage Competitive Learning Method   Ankit Mahato, Ashita Prasad

148:Selection of sub-optimal feature set of network data to implement Machine Learning models to develop an efficient NIDS   Jashanpreet Singh , Amitava Das, Satbir Singh

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Data Modeling & Semantic Engineering(DMSE)

039:NPRank: Nexus based Predicate Ranking of Linked Data   Sakthi Murugan R, Ananthanarayana VS

040:A Nonlinear Multivariate Approach to Identify Differentially Coexpressed Pathways   Mrityunjay Sarkar, Aurpan Majumder, Sanjay Dhar Roy

041:Statistical Correlation Measures for T-spherical Fuzzy Sets in Pattern Recognition and Medical Diagnosis   Abhishek Guleria and Rakesh Kumar Bajaj

048:Jeffries-Matusita distance as a tool for feature selection   Rikta Sen, Saptarsi Goswami, Basabi Chakraborty

090:Next Word Prediction In Hindi Using Machine Learning Algorithms   Radhika Sharma, Nishtha Goel, Nishita Aggarwal, Prajyot Kaur and Chandra Prakash

Data Science and Engineering(DSE)

065:Application of Adaptive Neuro-Fuzzy Inference System for the prediction of Early Age Strength of High Performance Concrete   Deepak Kumar Sinha, S. Rupali, shailja Bawa

073:A Graph based Keyword Extraction from Twitter using   Node and Edge Weight   Ritika,Mukesh Kumar, Preeti Aggarwal

010:Prospect of Stein's Unbiased Risk Estimate as Objective Function for Parameter Optimization in Image Denoising Algoritms – A Case Study on Gaussian Smoothing Kernel   Simi V.R ., Damodar Reddy Edla , Justin Joseph and Venkatanareshbabu Kuppili

082:Smart Fruit Warehouse and Control System Using IoT Anurag Shukla, Gazal Jain, Kavyansh Chaurasia,and Venkanna U.

088:A Hybrid Binary Classifier for Pattern Classification   Kaumil Trivedi, Tanujit Chakraborty

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Information Network Analytics(INA)

092:A Novel Chaotic based Privacy preserving machine learning model on large distributed client applications   Nanda krishna, Bharati

106:On Frontal Gait Recognition based on Hierarchical Centroid Shape Descriptor and Similarity Measurement: a Robust ApproachAnusha R , Jaidhar C D

105:Damped Least-Squares Recurrent Deep Neural Learning Classification For Glaucoma Detection   P.M. Siva,   K. Ramanan.

118:Capturing Contextual Influence in Context Aware Recommender Systems   Vandana A. Patil,   Deepak J. Jayaswal

Computational Intelligence(CI)

178:Merged LSTM Model for emotion classification using EEG signals   Anumit Garg, Ashna Kapoor, Anterpreet Kaur Bedi, Ramesh L. Sunkaria

140:From Light to Li-Fi : Research Challenges in Modulation, MIMO, Deployment Strategies and Handover Sanket Salvi, Geetha V

019: An Innovative Query Tuning Scheme for Large Databases, Chaman Wijesiriwardana and M.F.M. Firdhous

104:Replay attack detection with raw audio waves and deep learning framework   Shikhar Shukla, Jiban Prakash, Ravi Sankar Guntur

100: Weighted Similarity Measure in Neutrosophic Soft Set and Decision Making in Clinical Application   Binu R, Paul Isaac

055:Change Analysis of Indian Metropolitan Cities through a Spatiotemporal Ontology   Saritha S, G Santhosh Kumar