

Tentative Program for ACSS 2018

Day 1: February 09, 2018

Inauguration	10:00	10:30
High Tea	10:30	11:00
Keynote I	11:00	12:00
Speaker: Nabanita Das, ISI, Kolkata		
Session Chair: Swapan Bhattacharya, Former Professor, Jadavpur University, India		
<i>5G: Connectivity in Isolation</i>		
Session I (D1-S1) Algorithms	12:00	13:00
Session Chair: Subhansu Bandyopadhyay, Vice Chancellor, Brainware University		
Moumita Chatterjee, Sanjit Setua; <i>Gossip Based Real Time Task Scheduling Using Expander Graph</i>		
Sumonta Ghosh, Anita Pal; <i>Exact Algorithm L(2,1) Labeling of Cartesian Product Between Complete Bipartite Graph and Path</i>		
Piotr Szymkowski, Khalid Saeed; <i>Minutiae searching algorithm within ill human eye ophthalmoscopy image</i>		
Lunch	13:00	14:00
Session II (D1-S2) Signal Processing and Analytics - I	14:00	15:00
Session Chair: Atal Choudhury, Jadavpur University		
Jaskirat Singh, Sukhwinder Singh, Savita Gupta and Bir Chavan; <i>Analysis of Stimuli Discrimination in Indian Patients with Chronic Schizophrenia</i>		
Simranjit Kaur, Sukhwinder Singh, Priti Arun and Damanjeet Kaur; <i>Analysis of Resting State EEG Signals of Adults with Attention Deficit Hyperactivity Disorder</i>		
Aniruddha Sinha, Rikayan Chaki, Bikram Kumar De and Sanjoy Saha; <i>Readability Analysis of Textual Content using Eye Tracking</i>		
Plenary Lecture, Springer-Nature	15:00	16:00
Speaker: Aninda Bose, Springer-Nature		
Session Chair: To be announced		
Tea Break	16:00	16:20
Session III (D1-S3) Signal Processing and Analytics - II	16:20	17:20
Session Chair: Sanjoy Kumar Saha, Jadavpur University, India		
Vít Ptošek; <i>Multinode Approach for Map Data Processing</i>		
Aradhita Mukherjee, Sudip Mondal, Nabendu Chaki, Sunirmal Khatua; <i>Naive Bayes and Decision Tree Classifier for Streaming Data using Hbase</i>		
Tanmay Biswas, Shuvadeep Bhattacharjee, Sudhindu Mandal, Debasri Saha and Amlan Chakrabarti; <i>FPGA Based Novel Speech Enhancement System Using Microphone Activity Detector</i>		
Conference Dinner	19:00	22:00
Venue: La Griglia, Mani Square, 3rd Floor		

Day 2: February 10, 2018		
Keynote II	10:30	11:30
Speaker: Madhavan Mukund, Chennai Mathematical Institute(CMI), India		
Session Chair: Aditya Bagchi, Former Dean, ISI, Kolkata		
<i>Correctness in a Connected World</i>		
Tea Break	11:30	12:00
Session V (D2-S4) Security Systems	12:00	13:00
Session Chair: Chandan Majumder, Professor, Jadavpur University		
Gianluca Caiazza, Ruffin White and Agostino Cortesi; <i>Enhancing security in ROS</i>		
Ayan Dey, Sukriti Bhattacharya and Nabendu Chaki; <i>Byte Label Malware Classification using Image Entropy</i>		
Priyank Jain, Manasi Gyanchandani and Nilay Khare; <i>Big Data Security and Privacy: New Proposed Model of Big Data with Secured MR layer</i>		
Lunch	13:00	14:00
ACM SIGCSE Lecture	14:00	15:00
Speaker: Viraj Kumar, PES University, Bangalore		
Session Chair: Madhavan Mukund, President, ACM India Council		
<i>Teaching-Learning Computer Science at Scale</i>		
Poster Briefing	15:00	15:20
Tea Break	15:20	15:50
Session VI (D2-S5) IoT and Networks	15:50	16:50
Session Chair: Ansuman Banerjee, ISI Kolkata, India		
Kavitha R and Sumitra Binu; <i>Ambient Monitoring in Smart Home for Independent Living</i>		
Marcin Adamski, Anna Łupińska, Mirosław Omieljanowicz, Mariusz Rybniak, Maciej Szymkowski, Marek Tabędzki and Khalid Saeed; <i>The concept of in-vehicle system for human presence and their vital signs</i>		
Suparna DasGupta, Sankhyan Choudhury and Rituparna Chaki; <i>Disaster Management System Using Vehicular Ad hoc Networks</i>		

Day 3: February 11, 2018		
Keynote III	10:30	11:30
Speaker: Dr. Aloknath Dey, Samsung, India		
Session Chair: Aninda Bose, Springer Nature		
<i>The World of Bits, Pixels and Sensors</i>		
Tea Break	11:30	11:50
Session VII (D3-S6) Pattern Recognition	11:50	13:00
Session Chair: Bhabani P. Sinha, Former Professor, ISI		
Ranjan Maji, Sunirmal Khatua and Zhumur Ghosh; <i>An ensemble based approach towards sensitive miRNA target prediction</i>		
Sourav Pramanik, Debapriya Banik, Debotosh Bhattacharjee and Mita Nasipuri; <i>A Computer-aided Hybrid framework for early diagnosis of Breast Cancer</i>		
Bidhan Barai, Debayan Das, Nibar Das, Subhadip Basu and Mita Nasipuri; <i>VQ/GMM Based Speaker Identification with Emphasis on Language Dependency</i>		
Mohammad Kheir Nammous and Khalid Saeed; <i>Speaker Identification with LSTM Neural Network as a Classifier</i>		
Lunch	13:00	14:00
Session VIII (D3-S7) Image Processing	14:00	15:00
Session Chair: To be announced		
Barun Biswas, Ujjwal Bhattacharya, B B Chaudhuri; <i>A Robust Script Independent Approach to Skew Correction for Different Types of Documents</i>		
Hiranmoy Roy, Debotosh Bhattacharjee; <i>Heterogeneous Face Matching Using Robust Binary Pattern of Local Quotient: RBPLQ</i>		
Koushik Dutta, Debotosh Bhattacharjee, Mita Nasipuri, Anik Poddar; <i>3D Face Recognition based on Volumetric Representation of Range Image</i>		
Tea Break	15:00	15:20
Session IX (D3-S8) Software and Service Engineering	15:20	16:20
Session Chair: Samiran Chattopadhyay, Jadavpur University, India		
Biplab K Sen, Rajib K Das and Sunirmal Khatua; <i>Optimal Mapping of Applications on Data Centers in Sensor-Cloud Environment</i>		
Shreya Banerjee, Shruti Bajpai and Anirban Sarkar; <i>Constraint Specification for Service Oriented Architecture</i>		
Nachiketa Chatterjee, Amlan Chakrabarti and Partha Pratim Das; <i>Software Migration and Regression assistance using Dynamic Instrumentation</i>		