

Tentative Program for ACSS 2019		
Day 1: March 12, 2019		
Registration	09:00	10:00
Keynote Lecture I	10:00	11:00
Speaker: Vaclav Snasel, Ostrava University, Czech Republic		
Title: Deep Learning for Advanced Computing and Systems for Security		
<i>Session Chair: Bhabani P. Sinha, Former Professor, Indian Statistical Institute, Kolkata</i>		
Tea Break	11:00	11:30
Session I (D1-S1) Security Systems	11:30	12:30
<i>Session Chair: Nabanita Das, ISI, Kolkata</i>		
<u>Nashreen Nesa</u> and Indrajit Banerjee; <i>A Lightweight Security Protocol for IoT using Merkle Hash Tree and Chaotic Cryptography</i>		
<u>Asmita Manna</u> , Anirban Sengupta and Chandan Mazumdar; <i>A Quantitative Methodology for Business Process-based Data Privacy Risk Computation</i>		
<u>Manali Chakraborty</u> , Shalini Chakraborty and Nabendu Chaki; <i>Architectural Design based Compliance Verification for IoT enabled Secure Advanced Metering Infrastructure in Smart Grid</i>		
Session II (D1-S2) Pattern Recognition and Imaging	12:30	13:15
<i>Session Chair: Mita Nasipuri, Jadavpur University, Kolkata and Rajat K De, ISI, Kolkata</i>		
<u>Abhishek Bal</u> , Minakshi Banerjee, Rituparna Chaki and Punit Sharma; <i>A Multi-Class Image Classifier for Assisting in Tumor Detection of Brain using Deep Convolution Neural Network</i>		
<u>Aniruddha Sinha</u> , Sanjoy Kumar Saha and Anupam Basu; <i>Determining Perceptual Similarity Among Readers Based on Eyegaze Dynamics</i>		
Lunch	13:15	14:30
Session III (D1-S3) High Performance Computing	14:30	15:30
<i>Session Chair: Chandan Majumder, Jadavpur University, Kolkata, India</i>		
<u>Mrityunjay Ghosh</u> , Nivedita Dey, Debdeep Mitra and Amlan Chakrabarti; <i>2D Qubit Placement of Quantum</i>		
<u>Pushpita Roy</u> , Ansuman Banerjee and Bhargab Bhattacharya; <i>Debugging Errors in Microfluidic Executions</i>		
<u>Sudip Poddar</u> , Robert Wille, Hafizur Rahaman and Bhargab B. Bhattacharya; <i>Effect of Volumetric Split-Errors on Reactant-Concentration During Sample Preparation with Microfluidic Biochips</i>		
Tea Break	15:30	16:00
Keynote Lecture II	16:00	17:00
Speaker: Frank Brokken, University of Groningen, Netherlands		
Title: Information Security - Technology and Beyond		
<i>Session Chair: Nabarun Bhattacharyya, C-DAC, Kolkata, India</i>		

Day 2: March 13, 2019		
Keynote Lecture III	10:30	11:30
Speaker: Andrea Albarelli, Ca Foscari University, Venice, Italy		
Title: Game Theory as a tool for Pattern Recognition		
<i>Session Chair: Pradip Kumar Das, Former Professor, Jadavpur University</i>		
Tea Break	11:30	12:00
Session IV (D2-S4) WSN & IoT Applications	12:00	13:00
<i>Session Chair: Debotosh Bhattacharya, Jadavpur University, Kolkata</i>		
<i>Arindam Giri, Subrata Dutta and Sarmistha Neogy; Fuzzy Logic-based Range-free Localization for Wireless Sensor Network in Agriculture</i>		
<i>Anindita Kundu, Shaunak Mukherjee, Ashmi Banerjee and Subhashis Majumder; End-User Position Driven Small Base Station Placement for Indoor Communication</i>		
<i>Souvik Das and Raghunath Maji; ZoBe: Zone oriented Bandwidth estimator for efficient IoT networks</i>		
Lunch	13:00	14:00
Session V (D2-S5) Special Session on Software Engineering and Formal Specification for Secured Software Systems	14:00	15:00
Opening Notes by Novarun Deb, Ca Foscari University, Venice, Italy		
<i>Session Chair: Nabendu Chaki, University of Calcutta, India</i>		
<i>Novarun Deb, Nabendu Chaki, Mandira Roy, Ankita Bhaumik and Surochita Pal; Extracting business compliant finite state models from i* models</i>		
<i>Gitosree Khan, Anirban Sarkar and Sabnam Sengupta; Behavioral Analysis of Service Composition Patterns in ECB using Petri Net Based Approach</i>		
Session VI (D2-S6) VLSI and Graph Algorithms	15:00	16:00
<i>Session Chair: Andrea Albarelli, Ca Foscari University, Venice, Italy</i>		
<i>Maumita Chakraborty, Sumon Chowdhury and Rajat Kumar Pal; Generation of Simple, Connected, Non-Isomorphic Random Graphs</i>		
<i>Tarak Nath Mandal, Ankita Dutta Banik, Kaushik Dey, Ranjan Mehera and Rajat Kumar Pal; Bottleneck Crosstalk Minimization in Three-Layer Channel Routing</i>		
<i>Arindam Banerjee and Debesh Das; Arithmetic Circuits using Reversible Logic: A Survey Report</i>		
Tea Break	16:00	16:30
Plenary Lecture, Springer-Nature	16:30	17:30
Speaker: Aninda Bose, Springer Nature, India		
Title: Importance of Ethics in Research Publishing		
<i>Session Chair: Frank Brokken, University of Groningen, Netherlands</i>		
Symposium Dinner	19:00	22:00
Venue: La Griglia, Mani Square, 3rd Floor		