International Conference on Computational Strategies for Next Generation Technologies

NEXTCOM-2017

CT Institute of Engineering, Management & Technology
Jalandhar, Punjab, India

Tentative Schedule for Oral Presentation

On

Nov 25, 2017

Time	Program
09:00 – 10:00	**Registration and High Tea**
10:00 – 11:00	**Keynote Speakers (lecture) and Panel Discussion**
11:15 – 13:30	**Parallel Technical Sessions (I II, III)**
13:30 – 14:30	**Lunch**
14:30- 16:00	**Parallel Technical Sessions (IV, V, VI)**
16:00-17:00	**Valedictory & Vote of Thanks**

Keynote Speakers and Panel Discussion (10:00 – 11:00)

Keynote Speaker -1 by **Dr. Ioan-Cosmin Mihai**

Discipline of Cyber Security and Cyber Crime at The Faculty of Police, "Alexandru Ioan Cuza" Police Academy, Romania and The Faculty of Electronics, Telecommunications and Information Technology at University Politehnica of Bucharest, Romania

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Keynote Speaker -2 by **Prof. (Dr.) Kamarul Hawari Bin Ghazali**

Professor, Department of Electrical and Electronics Engineering, University Malaysia Pahang (UMP), Pekan and Professional Engineer, Board of Engineer, Malaysia

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Keynote Speaker -3 by **Prof. (Dr.) Subhash C Jain**

Chairman, CSI Chandigarh Chapter

Panel Discussion with International Delegates & Keynote Speakers on Topic 'Possibilities of Research & Opportunity in Foreign Universities for Indian Students/ Scholars"

Dr. Ioan-Cosmin Mihai
Discipline of Cyber Security and Cyber Crime at The Faculty of Police, "Alexandru Ioan Cuza" Police Academy, Romania and The Faculty of Electronics, Telecommunications and Information Technology at University Politehnica of Bucharest, Romania

Prof. (Dr.) Kamarul Hawari Bin Ghazali
Professor, Department of Electrical and Electronics Engineering, University Malaysia Pahang (UMP), Pekan and Professional Engineer, Board of Engineer, Malaysia

Prof. (Dr.) Subhash C Jain
Chairman, CSI Chandigarh Chapter

Prof. Manu Sood
Himachal Pradesh University, Shimla

Technical Session –I (11:15 – 13:30)

Venue- CTIEMT Conference Hall

Paper ID	Contribution Title	Author (s)
195	Simulation Performance of Conventional IDMA System with DPSK Modulation and Modern Fisher-Yates Interleaving Schemes	Vinod Shokeen Manish Yadav Pramod Kumar Singhal
161	LSB Steganographic Approaches for Hiding Acoustic Data in Video By Using Chaotic and XORing Technique	Namrata Singh Jayati Bhardwaj
184	A Hybrid Static Space Sharing Job Scheduling Algorithm for Parallel Homogeneous System	Gurjit Kaur
145	Design of Electronic Brake Force Distribution in light weight vehicles based on passenger occupancy	Sujan Neroula Pranjal Barman Kritanjali Das Nilav Rupam Saikia Santanu Sharma
157	Performance Analysis of Simulated Raindrop Algorithm over Centralized Clustering Protocol in WSN	Nidhi Saini Rajeev Kumar Reeta Bhardwaj
115	Robust Scheduling of Deadline Constrained Workflows Using Hybrid Instances	Urvashi Nag, Mala Kalra
152	Addressing Data Interoperability for IoT based smart Data Warehouse	Neha Anand Pankaj Deep Kaur
154	Energy efficient routing using neural networks and vector-based pipeline in UWSNs	Reeta Bhardwaj Harpreet Kaur Rajeev Kumar
274	Defected Ground Structure integrated Rectangular Microstrip patch Antenna on Semi-insulating Substrate for Improved Polarization Purity	Abhijyoti Ghosh Banani Basu

Technical Session –II (11:15 – 13:30)

Venue- CTIEMT Seminar Hall

Paper ID	Contribution Title	Author (s)
278	Efficient Localization of WSNs using Genetic Algorithm for Clustering & Anchor Selection	Chetan Suri Harpreet Bajaj
85	PEFT based Hybrid PSO for Scheduling Complex Applications in IoT	Komal Middha Dr. Amandeep Verma
155	Improved Image Dehazing using PSO Based Dark Channel Prior	Poonam Dr. VK Banga Gurjit singh
151	Power MOSFET Switching for a Current Controller with Rds Sensing Technique for PHEV Applications	Amandeep Singh Ghatora Sahil Chhabra Nadhim Garg
268	A Survey of Top-k High Utility Itemsets Mining	Kuldeep Singh Harish Kumar Shakya Bhaskar Biswas
183	Design Analysis of Edge Truncated Patch Antenna Over Jerusalem Cross Slot High Impedance Surface	Jasdip Kaur Narwant Singh Chahat Jain
287	Power MOSFET Structure with p-n Junction under Gate Trench	Ramneek Kaur Preeti Gupta Jatinder Singh
276	Gain analysis of 10 Gbps- 100 channel DWDM link using Hybrid amplification	Gagan deep Singh Rajan Miglani Gurjot Singh Gaba Jagjit Singh Malhotra
133	Classification and Analysis of Users review using different classification techniques in E-learning system	Aditya Khamparia, Kazi Mostafizur Rahman

Technical Session –III (11:15 – 13:30)

Venue- CTIEMT Communication Skills Lab

Paper ID	Contribution Title	Author (s)
141	Performance & Comparision Analysis of MIEEP Routing Protocol Over Adapted LEACH Protocol	Rahul Priyadarshi Soni Yadav Deepika Bilyan
91	Block Coordinate Descent Based Algorithm for Image Reconstruction in Photoacoustic Tomography	Anjali Gupta Ashok Kr Kajla Ramesh Chandra Bansal
108	SVM-PCA based Handwritten Devanagari Digit Character Recognition	Sanjay Kumar Singh Aditya Khamparia
189	An Efficient Technique for Face Recognition using Deep Face	Gurpreet Kaur, Sukhvir Kaur
198	Machine Learning configurations for enhanced Human Protein Function Prediction accuracy	Amritpal Singh Sunny Sharma, Gurvinder Singh, Rajinder Singh
243	Applying Machine Learning Algorithms for news articles categorization Using SVM and kNN with TF-IDF approach	Kanika
277	Effect of Rain Conditions on FSO Communication System	Mohammad Yawar Wani Hitesh Pathak Karamjit Kaur Anil Kumar
281	Syntactic Analysis of Participial type Complex Sentence in Punjabi Language	Sanjeev Kumar Sharma
293	E-OPR: Enhanced Opportunistic Protocol using Relay nodes in Wireless Body Area Networks	Naveen Bilandi Harsh K Verma Renu Dhir

Technical Session –IV (14:30- 16:00)

Venue- CTIEMT Conference Hall

Paper ID	Contribution Title	Author (s)
259	Network Selection Techniques Using Multiple Criteria Decision Making for Heterogeneous Cognitive Radio Networks with User Preferences	Krishan Kumar
260	Energy Detection based Spectrum Sensing Scheme Using Compel Cooperation in Cognitive Radio Networks	Krishan Kumar Hitesh Tripathi Mani Shekhar Gupta
153	A Comparative Study of Various Smart Phone Keypad Typing Errors and its types for Punjabi Language	Rajesh Sharma Gurpreet Singh Lehal
158	An enhanced algorithm for fingerprint pre-processing and matching	Meghna Patel Dr. Satyen M. Parikh Dr. Ashok R. Patel
249	Identifying community structure in social network using node similarity based permanence concept	Harish Kumar Shakya, Kuldeep Singh, Bhaskar Biswas
286	Leveraging Big Data Analytics utilizing Hadoop framework in sports science	Dr. Gagandeep Jagdev, Sarabjeet Kaur
92	Moving object detection and recognition using optical flow and Eigen face using low resolution video	Prateek Agrawal, Ranjit Kaur, Vishu Madaan M. Sunil Babu Dimple Sethi
140	Performance Analysis of Adapted Selection Based Protocol Over LEACH Protocol	Rahul Priyadarshi Soni Yadav Deepika Bilyan
229	Comparative Analysis of various Biometric Data Indexing Techniques for Face: A Survey	Hardik Soni Gaurang Panchal

Technical Session –V (14:30- 16:00)

Venue- CTIEMT Seminar Hall

Paper ID	Contribution Title	Author (s)
275	Design of SIW Fed Broadband Microstrip Patch Antenna for E-Band Wireless Communication	Maharana Pratap Singh Rahul Priyadarshi Prashant Garg
149	Fake Accounts Detection on Facebook with Hybrid Approach	Priya Virdi, Sukhbir Kaur
305	Performance investigation of HBO based sink mobility aware heterogeneous protocol of WSN	Harmeet Singh Ashish Kr Luhach Vikas Khullar
244	Impact of various critical factors on App development based on reviews : An investigation	Mamta Pandey, Dr. Ratnesh Litoriya, Dr. Prateek Pandey
169	Automatic Human Gender Identification Using Palmprint	Abhijit Patil
210	Comparative study of Combination of Swarm intelligence and Fuzzy C Means Clustering for Medical Image Segmentation	Romesh Laishram
186	Texture based Real-Time Character Extraction and Recognition in Natural Images	Prashant Katiyar Dr. Kamalpreet Kaur
263	Analysis of Neck Muscle Fatigue During Cervical Traction Treatment Using Wireless EMG Sensor	Hemlata Shakya Shiru Sharma
212	Cancelable Template: A Study & Analysis of Biometric Based Template Generation Mechanisms	Bhavisha Sodhaparmar Gaurang Panchal

Technical Session –VI (14:30- 16:00)

Venue- CTIEMT Communication Skills Lab

Paper ID	Contribution Title	Author (s)
294	Performance Analysis of Various Cryptographic Techniques in VANET	Sandeep Kumar Arora Sonika
194	Seasonality as a Parrondian Game In The Superior Orbit	Anju Yadav, Ketan Jha
136	Towards Reliable and Secure Routing in Mobile AdHoc Networks	Sesha B Velagalet M. Seetha S. Viswanadha Raju
187	Object-Oriented Coupling Based Test Case Selection In Model Based Testing	Parul bhandari, Ajmer Singh and Rajvir Singh
302	Detection and Analysis of Lung Cancer using Radiomic Approach	Shallu Sharma, Sumit Kumar, Pankaj Nanglia
84	Development of Hybrid Data Mining Techniques for Prediction of Heart Disease Based on SOM Neural Network Model and Rough Set Theory For Features Optimization	Dinesh Kumar Sahu , Anil Rajput
304	Relevance of Mobile Ad hoc Networks to alleviate the impact of chronic diseases- A case study of health system in Botswana	Sreekumar Narayanan, Tazviona G Simba, N Chandirakasan, Rajivkumar
201	Rule Generation without Minimum Support	Prince Verma