

Winter School on Machine Intelligence and Signal Processing – 2014

misp.iitd.ac.in

December 20 - 23, 2014, IIT Delhi, New Delhi, India



The winter school is designed on the broad topic of machine learning and signal processing. Today, various acquisition devices collect and generate massive amount of data. Processing and analyzing such data is usually beyond our mental capacities. We resort to automated processing and analysis techniques to retrieve information from this data deluge. It is therefore important to understand the state of art approaches in related research areas. The winter school on machine learning and signal processing plans to bring world class academicians and researchers to teach the latest in machine intelligence and signal processing. Such an event to impart machine learning and signal processing education to the students and young professionals have not been organised before. Unlike conferences, where the major focus is on research, the proposed winter school will concentrate on imparting world class education. The winter school will cover various topics on Computer Vision, Statistical Signal Processing, Social Learning, Bio-informatics, Compressed Sensing, Matrix Completion, Biometrics, Big Data, Medical Imaging, Video Processing.

List of speakers



Important Dates

Deadline of paper submission:
October 30 2014

Notification of acceptance:
November 25 2014

Submission of camera-ready manuscripts: December 05, 2014

Deadline of author registration:
December 10 2014

Dr. Narendra Ahuja	Professor Emeritus, UIUC, Fellow IEEE, SPIE, ACM, IAPR, AAAI
Dr. Vikram Krishnamurthy	Professor and Canada Research Chair at UBC, IEEE Fellow and SPS Distinguished Lecturer (2010 – 2011)
Dr. Sumit Roy	Professor at University of Washington, IEEE Fellow and ComSoc Distinguished Lecturer
Dr. Gaurav Sharma	Professor at Rochester University, Fellow IEEE and IAPR
Dr. Rabab Ward	Professor at UBC, IEEE Fellow and President Elect IEEE SPS
Dr. Alex C. Kot	Professor and Dean, NTU, Fellow IEEE and IES. IEEE SPS Distinguished Lecturer
Dr. Manish Gupta	Vice President and Director, Xerox Research, India, Fellow ACM
Dr. Vedit Jain	Senior Researcher, Yahoo Research, India
Dr. Bipul Das	Manager (Medical Image Analysis Lab) at GE Global Research, Bangalore, India
Dr. Amit Kale	Research Group Head, Imaging and Computer Vision, at Siemens Corporate Research and Technology, India
Dr. Kaushik Saha	Director, Systems R&D, Samsung R&D India, Delhi
Dr. L V Subramaniam	Manager Information Management Analytics and Solutions, IBM India Research Labs
Dr. Kunal Narayan Chaudhury	Assistant Professor, Indian Institute of Science, Bangalore
Dr. Ajay Kumar	Assistant Professor, Hong Kong Polytechnic University

Co-located Workshop on Machine Intelligence and Signal Processing

The first international workshop on Machine Intelligence and Signal Processing will be collocated with the winter School. **Papers are solicited on the following topics:** Speech, audio and acoustic signal processing, Statistical and Probabilistic Learning Algorithms, Bio-imaging and signal processing, Bio-inspired Algorithms, Multimedia signal processing, Control and Reinforcement Learning, Sensor array & multichannel signal processing, Pattern Recognition, Signal processing for communications & networking, Computer Vision, Image, video & multidimensional signal processing, Information forensics and security, Signal processing theory & methods, Cognitive Neuroscience. **Submission Details: please visit misp.iitd.ac.in**