



ICCI-2017



2017 International Conference on Computational Intelligence: Theories, Applications and Future Directions

December 6th - 8th, 2017

Indian Institute of Technology Kanpur, India

2017 International Conference on Computational Intelligence (ICCI-2017) invites submission of novel, original and previously unpublished research work in the field of Computational Intelligence (CI) and related applications as mentioned below. CI is a set of biological and linguistic tools and methodologies to address complex real-world problems to which traditional approaches may not be very effective. The conference is meant to discuss the state-of-the-art developments, challenges and unsolved open problems in the field of CI. It will also provide a platform to students, scientists, faculty members and research professionals to interact, present and get reflections on their work. Accepted and presented papers will be published by Springer in *Advances in Intelligent Systems and Computing (AISC)*.

Advisory Committee

- James C. Bezdek, Univ. of Melbourne, Australia
- Sankar K. Pal, Indian Statistical Institute, India
- Hisao Ishibuchi, Osaka Prefecture Univ., Japan
- Kalyanmoy Deb, Michigan State Univ., USA
- Nikhil R. Pal, Indian Statistical Institute, India
- Balaje Thumati, The Boeing Company, USA
- Debasish Ghose, IISC, India
- Yan Cui, University of Tennessee, USA
- Piero P. Bonissone, GE Global Research, USA
- J. Sarangapani, Missouri S&T, USA
- B. M. Mohan, IIT Kharagpur, India
- Kenji Suzuki, Illinois Inst. of Technology, USA
- Seshan Srirangarajan, IIT Delhi, India
- Laxmidhar Behera, IIT Kanpur, India
- Ramprasad Potluri, IIT Kanpur, India
- Deepak Mishra, IIST, India
- Somitra Kr Sanadhya, IIIT Delhi, India
- Lipo Wang, NTU, Singapore
- Jie Liu, Carleton Univ., Canada
- B. K. Panigrahi, IIT Delhi, India
- Nesar Ahmad, Aligarh Muslim University, India
- M. Veerachary, IIT Delhi, India
- A. K. Ghosh, IIT Kanpur, India
- Akhil R. Garg, JNVU Jodhpur, India
- K. V. Arya, ABV-IIITM Gwalior, India
- J. C. Bansal, South Asian Univ., India
- S. Squartini, Univ. Politecnica delle Marche, Italy
- Huajin Tang, Sichuan Univ., China
- Rajesh M. Hegde, IIT Kanpur, India
- Anupam Trivedi, National Univ. of Singapore
- Jose Aguilar, Universidad de Los Andes, ULA
- Y. N. Singh, IIT Kanpur, India
- P. N. Suganthan, NTU, Singapore
- Rajat K. De, Indian Statistical Institute, India
- Rajib Bandyopadhyay, Jadavpur Univ., India
- Rui Zhao, Carleton Univ., Canada
- Jayadeva, IIT Delhi, India
- Soumya Ranjan Sahoo, IIT Kanpur, India
- Mangal Kothari, IIT Kanpur, India
- D. K. Chaturvedi, D.E.I. Dayalbagh, Agra, India
- R. K. Ghosh, IIT Kanpur, India
- Sandeep Paul, D.E.I. Dayalbagh, Agra, India
- S. Shahbazova, Azerbaijan Technical Univ., USA
- Ujjwal Maulik, Jadavpur Univ., India
- Sujeet Mishra, Indian Railways
- Cesare Alippi, Polytechnic Univ. of Milan, Italy
- Eric Wong, Univ. of Texas at Dallas, USA
- S. Ezekiel, Indiana Univ. of Pennsylvania, USA
- Vinod Kumar, JUIT, India
- V. K. Giri, KNIT, Sultanpur, India
- V. E. Balas, Aurel Vlaicu Univ. of Arad, Romania
- Swati Mehirishi, Executive Editor, Springer, India
- Rahul K. Sevakula, Data Scientist, IBM India

Important Dates

First round submission

July 20th, 2017

Second round submission

August 10th, 2017

Final submission

August 20th, 2017

Notification of acceptance

October 20th, 2017

Topics of interest include, but are not limited to the following:

- Neural Networks
- Evolutionary Computation
- Genetic Algorithms
- Fuzzy Knowledge Systems
- Fuzzy Inference Systems
- Optimization Algorithms
- Neuro-Fuzzy Systems
- Industrial Applications of CI
- Computational Simulation
- Smart Vehicles
- Automated Guided Vehicles
- Fuzzy Systems & Applications
- Gesture Identification and Recognition
- Pattern Recognition and Medical Imaging
- Big Data Analytics
- Data mining and Visualization
- Bioinformatics
- Industrial Sensing Intelligence
- Intelligent Information Retrieval
- Intelligent Hybrid Systems
- Smart Grid
- Modeling and Simulation
- Natural Language Processing
- Intelligent Signal Processing
- Industrial Automation
- Swarm Intelligence
- Intelligent Agents
- Intelligent Systems and Control
- Intelligent Measurement
- Machine Learning
- Human Machine Interaction
- Learning and Adaptive Control
- Intelligent Monitoring Systems
- Internet of Things (IoT)
- Cyber Physical Systems (CPS)

Technical Program Committee

- Laxmidhar Behera, IIT Kanpur, India
- James C. Bezdek, University of Melbourne, Australia
- Ramprasad Potluri, IIT Kanpur, India
- Nesar Ahmad, Aligarh Muslim University, India
- Mohsen Tabejamaat, Lorestan University, Iran
- Sujeet Mishra, Indian Railways
- Mangal Kothari, IIT Kanpur, India
- A. K. Ghosh, IIT Kanpur, India
- Somitra K. Sanadhya, IIIT Delhi, India
- Soumya Ranjan Sahoo, IIT Kanpur, India
- Gaurav Pandey, IIT Kanpur, India
- D. K. Chaturvedi, D.E.I. Dayalbagh, Agra, India
- Akhil R. Garg, JNVU Jodhpur, India
- Sandeep Paul, D.E.I. Dayalbagh, Agra, India

Organizing Committee

Conference Chair

- Nishchal K Verma, IIT Kanpur, India

Program Chairs

- Kalyanmoy Deb, Michigan State University, USA
- B. K. Panigrahi, IIT Delhi, India
- A. K. Ghosh, IIT Kanpur, India
- Jie Liu, Carleton University, Canada

Technical Program Chair

- Soumya Ranjan Sahoo, IIT Kanpur, India

Registration Chair

- M. J. Akhtar, IIT Kanpur, India

Finance Chair

- Laxmidhar Behera, IIT Kanpur, India

Publicity Committee Member

- Tirtharaj Dash, BITS Pilani, Goa, India
- Rahul K. Sevakula, Data Scientist, IBM India

Tutorial Chair

- Rahul K. Sevakula, Data Scientist, IBM India

The extended version of few selected papers of ICCI-2017 will be published in the special issues of following highly reputed Journals:

- International Journal of Artificial Intelligence and Soft Computing - [Click here for more details](#)
❖ Special Issue on: "Computational Intelligence: Theories, Applications and Future Directions"
- International Journal of Swarm Intelligence - [Click here for more details](#)
❖ Special Issue on: "Computational Intelligence"
- International Journal of Computational Vision and Robotics - [Click here for more details](#)
- International Journal of Computational Systems Engineering - [Click here for more details](#)

Our Sponsors



Contact Us

For more details, please visit:

<http://www.iitk.ac.in/idea/ICCI2017/>

Email: 2017icci@gmail.com

Phone: +91 512-[259/392/679]-7007



CALL FOR PAPERS