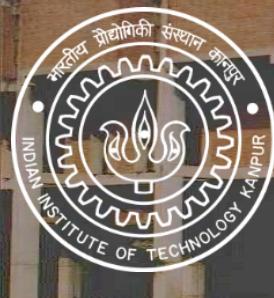


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# ICCI-2017



Springer

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

December 6<sup>th</sup> - 8<sup>th</sup>, 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Conference on Computational Intelligence (ICCI-2017)** invites submission of novel, original and previously unpublished research work in the field of Computational Intelligence (CI) and related applications as mentioned below.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)*.

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### Important Dates

#### First round submission

July 20<sup>th</sup>, 2017

#### Second round submission

August 10<sup>th</sup>, 2017

#### Final submission

August 20<sup>th</sup>, 2017

#### Notification of acceptance

October 20<sup>th</sup>, 2017

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

- |   |  |  |
|---|--|--|
| <ul style="list-style-type: none"> <li>• Neural Networks</li> <li>• Evolutionary Computation</li> <li>• Genetic Algorithms</li> <li>• Fuzzy Knowledge Systems</li> <li>• Fuzzy Inference Systems</li> <li>• Optimization Algorithms</li> <li>• Neuro-Fuzzy Systems</li> <li>• Industrial Applications of CI</li> <li>• Computational Simulation</li> <li>• Smart Vehicles</li> <li>• Automated Guided Vehicles</li> <li>• Fuzzy Systems &amp; Applications</li> </ul> | <ul style="list-style-type: none"> <li>• Gesture Identification and Recognition</li> <li>• Pattern Recognition and Medical Imaging</li> <li>• Big Data Analytics</li> <li>• Data mining and Visualization</li> <li>• Bioinformatics</li> <li>• Industrial Sensing Intelligence</li> <li>• Intelligent Information Retrieval</li> <li>• Intelligent Hybrid Systems</li> <li>• Smart Grid</li> <li>• Modeling and Simulation</li> <li>• Natural Language Processing</li> </ul> | <ul style="list-style-type: none"> <li>• Intelligent Signal Processing</li> <li>• Industrial Automation</li> <li>• Swarm Intelligence</li> <li>• Intelligent Agents</li> <li>• Intelligent Systems and Control</li> <li>• Intelligent Measurement</li> <li>• Machine Learning</li> <li>• Human Machine Interaction</li> <li>• Learning and Adaptive Control</li> <li>• Intelligent Monitoring Systems</li> <li>• Internet of Things (IoT)</li> <li>• Cyber Physical Systems (CPS)</li> </ul> |
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