

Call for papers

Name of the Workshop: Research Frontiers in Next Generation Computational Intelligence

Date of the Workshop: 16-19 December 2018

Link to the conference website: <http://ants2018.ieee-comsoc-ants.org/>

It is a pleasure to invite you to Workshop on Research Frontiers in Next Generation Computational Intelligence.in association with the conference IEEE ANTS , organized by IEEE Communications Society It will take place in Indore from 16-19 December 2018.

Computational Intelligence (CI) is a set of biological and linguistic tools to address complex real-world problems where traditional approaches may not be very effective. CI provides a vigorous forum that stimulates academic and industrial research in artificial intelligence realm. While huge academic research has been done in CI since last 50 years, industrial and real world applications are still incipient. The symposium shall uncover theory and applications of computational intelligence in the fields of engineering, computer science and life sciences.

Topics of interest: The topics in computational intelligence span the areas of neural networks, connectionist systems, genetic algorithms, evolutionary computation, artificial intelligence, cellular automata, self-organizing systems, soft computing, fuzzy systems, and hybrid intelligent systems.

Apart from discussing the state-of-the-art developments, challenges and unsolved open problems in the field of computational

intelligence (CI), exposure shall be given, but not limited to, the popular upcoming streams in CI:

- Computer and Information Science: Knowledge Computing: Reasoning methodologies, Knowledge Engineering, Document Engineering, Knowledge Integration , Knowledge Management
- Advances in Soft Computing and Machine Learning
- Developments and Advances in Intelligent Systems and Applications
- Intelligent Computations: Abstract Fractional Calculus, Inequalities, Approximations
- Computational Science/Intelligence and Applied Informatics
- Advances in Knowledge Discovery and Management
- Nature Inspired Optimization Algorithms
- Artificial Immune Systems
- Advanced Optimization tasks

Guide for authors

Submit your paper using EDAS <https://edas.info/N24727>

Important Dates

1st Deadline of Paper Submission - 20th Sept 2018

Hard Deadline for Paper Submission - 1st Oct 2018

Acceptance Date - 20th Oct 2018

Registration & Camera Ready Paper Submission - 1st Nov 2018

Organising committee:

Workshop Organizers: Dr. Arpana Rawal , Dr. Ani Thomas

Professors, Bhilai Institute of Technology, Durg
Chhattisgarh

For any enquiries regarding the programme, please contact:
ani.thomas@bitdurg.ac.in

We look forward to seeing you at the workshop

Sincerely,

< **Dr. Arpana Rawal , Dr. Ani Thomas** >