

Technically Co-sponsored by IEEE Computational Intelligence Society

Call for papers:

The International Conference on **Emerging Techniques in Computational Intelligence, ICETCI 2021** will be held at Hyderabad, India, from August 25 to 27, 2021. The conference will consist of one day of tutorial sessions followed by two days of keynote lectures by invited experts and paper presentations by practitioners. We invite submission of papers from all areas of Computational Intelligence, both emerging topics which form the theme of the conference as well as more established areas, presenting developments in algorithms as well as applications. All papers will pass through a multiple peer-review process, and accepted papers will be presented at the conference and submitted to IEEE Xplore for publication.

The Conference will be supported by industry relevant tutorials conducted by NVidia, Tech Mahindra, etc.



KEYNOTE SPEAKERS

Kalyanmoy Deb

Koenig Endowed Chair Professor, Electrical and Computer Engineering
 Director, Computational Optimization and Innovation (COIN) Laboratory
 Michigan State University, USA

Simon See

Senior Director, Nvidia
 AI Technology Center, Singapore

Donald Wunsch

Mary K. Finley Missouri Distinguished Professor, Electrical and Computer Engineering
 Missouri University of Science & Technology, USA

Pushpak Bhattacharyya

Professor, Department of Computer Science & Engineering, IIT Bombay
 FNAE, Abdul Kalam Fellow, Former Director, IIT Patna, Distinguished Alumnus, IIT Kharagpur

Akira Hirose

Professor, Department of Electrical Engineering and Information Systems
 The University of Tokyo, Japan

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Yajulu Medury, Vice-Chancellor, Mahindra University, India

Simon See, Nvidia, Global Head, AI Division, Singapore

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Rahul Bhuman, Tech Mahindra, Global Head, AI Division, USA

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Alexandros Iosifidis, Aarhus University, Denmark

IMPORTANT DATES

Last Date for Paper Submission	28 February 2021
Notification of Review Outcomes	15 May 2021
Submission of Camera-Ready Paper and Copyright Form	31 May 2021
Early-Bird Registration Deadline	31 May 2021
Conference Dates	25-27 August 2021

CONFERENCE TOPICS AND TRACKS

The conference will be organized along the following three tracks:

(i) Deep Learning

(ii) Sequence Modelling and

(iii) General Topics in Computational Intelligence

The List of Topics include but are not limited to:

MODELS

- Neural Networks
- Fuzzy Logic
- Bayesian Methods
- Quantum Computing
- Memory Paradigms
- Deep Learning
- Game Theory
- Intelligent Agents
- Evolutionary Optimization
- Rough Sets
- Reinforcement Learning
- Learning Paradigms
- Reasoning Models
- Model Explainability
- Extreme Learning Machines
- Multi-Objective Optimization

APPLICATIONS

- Natural Language Processing
- Recommendation Systems
- Generative Adversarial Models
- Augmented & Virtual Reality
- Cybersecurity
- Big Data Analytics
- 5G/6G Communications
- Structural Health Monitoring
- Intelligent Transportation Systems
- Healthcare
- Climate Science
- Remote Sensing
- Finance & Economics
- Computational Genomics
- Music Information Retrieval
- Blockchain
- Industry 4.0
- Social and Crowd Computing
- Robotic Process Automation
- Renewable Energy Systems
- Smart Cities
- Neuroscience
- Graphical Models
- Unsupervised Learning
- SSE Devices Modelling

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Hitendra Sarma, SRIT Anantapur

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Raghu Kishore, Mahindra University