



Department of Information and Communication Technology

Mawlana Bhashani Science and Technology University

Santosh, Tangail-1902,Dhaka , Bangladesh .

17-18 December , 2022

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CALL FOR PAPER

IMPORTANT DATES

Paper Submission Deadline: 1 August 2022
Acceptance Notification: 1 October 2022
Camera Ready Submission: 1 November 2022
Registration Period: 1 Oct 2022- 1 Nov 2022

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About TCCE 2022

TCCE focuses on experimental , theoretical and application aspects of innovations in Computational and Cognitive Engineering . The Conference aims to provide an opportunity to gather researchers , scholars , and experts from academia and industry working in the following areas of basic and applied sciences , engineering and technology to share their research findings.

Track 1: Artificial Intelligence and Soft Computing

- Adaptive Systems
- Fuzzy Logic
- Data Mining
- Shallow Machine Learning
- Deep Learning
- Bayesian Learning
- Hybrid Intelligence System
- Inductive Learning
- Intelligent and Knowledge Based System
- Intrusion Detection
- Agents and Multi-agent Systems
- Natural Language Processing
- Hybrid and Nonlinear system
- Brain/Bio Inspired Algorithm
- Context-aware Pervasive Systems
- Quantum Computing
- Robotics

Track 2: Cognitive Science and Computational Biology

- Cognitive Psychology
- Neuroscience
- Bio/Brain-informatics
- Health-informatics

- Computational Biology
- Biomimetics
- Brain Modeling
- Neuromorphic engineering
- Brain Inspired Model ling

Track 3: IoT and Data Analytics

- Ecosystem & Infrastructure,
- Internet of Services
- Sensor based technology
- Cyber-physical Systems
- Data mining and Information Retrieval
- Robotic and Automation
- Mobile Computing
- Cluster Computing
- Cloud Computing for Industry 4.0
- Big Data Analytics
- IoT for Smart Applications
- loH

Track 4: Network and Security

- Cross-layer Optimization and Control
- Cyber-physical Systems
- Data Center Networking

- Delay Tolerant Networks
- Game Theory in Networks*
- Quality of Service and Resource Management
- Localization and Location-based Services
- Mobile Cloud Computing
- Network Management
- Network Measurement and Analysis*
- Smart Communications Systems
- Vehicular Networks
- Wireless Sensor Networks
- Green Networking/Block Chain
- Cyber Physical System
- Ubiquitous Network
- Antenna and Wave Propagation
- Microwave and Optical Resonators

Track 5: Signal Processing, Computer Vision & Rhythm Engineering

- Computer Vision
- Robotics and Automation
- ML for Computer Vision
- Virtual and Augmented
- Signal Processing
- cyclic and rhythmic oscillations
- AI based Signal Timing Technology

The last event of TCCE was held in the School of Engineering & Technology (SoET) and Department of Mathematics under School of Physical and Mathematical Sciences (SoPM) of Central University of Haryana (CUH), Mahendergarh, India during November 28-30, 2019.

Objectives of the Conference

With increasing complex situations being modeled to find reasonable answers, the role of computations and cognitive learning is becoming very important . The objective of the conference is to narrow down the gaps by bringing practitioners and scientists together ; so as to focus on the recent trends in computational and cognitive engineering . The conference will further help:

- To provide a forum for the exchange of ideas and insights by mathematicians, engineers, scientists, and researchers
- To share a fresh perspective on problem-solving in current research areas
- To present various computational and cognitive modeling approaches in the areas of health, education, finance, environment, engineering, commerce, and industry
- To promote networking opportunities among experts in various disciplines and encourage interdisciplinary research

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■ Projects ■ Workshop ■ Special Session

Submission due:30 Aug 2022

Organizer



Publication



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