

Michael Faraday IET International Summit 2020



October 3-4, 2020, Kolkata, India



Chief Patron: Kapil Khanna, Chair, CC-SA, IET
General Chair: Samarjit Sengupta, University of Calcutta.
Conference Chair: Sankar Nath Mukhopadhyay, CESC Ltd.
Organizing Chair: Surajit Chattopadhyay, GKCIET, India
Technical Program Chair: Rajarshi Gupta, University of Calcutta.
Finance Chair: Kartik C Mukhopadhyay, IET
Publication Chair: Jitendra Nath Bera, University of Calcutta.
Communication & Publicity Chair: Tamal Roy, MCKVIE, India

International Advisory Committee

A K Saha
IET Kolkata Network, India
Aladin Zayegh
Victoria University, Australia
Christian Berger Vachon
University of Lyon, France
Ebrahim Abdulla Husain Mattar
University of Bahrain, Bahrain
Indrajit Pal
Asian Institute of Technology, Thailand
Koushik Maharantna
University of Southampton, UK
Madhuri Joshi
IET Pune Network, India
Mrinal Kanti Chakravorty
IET Kolkata Network, India
Narasimman Sundararajan
NTU, Singapore
Partho Mukherjee
University of Central Florida, USA
Ruchi Tyagi
University of Petroleum and Energy Studies, India
Suresh Vishwakarma
IET Western Canada
Subhas Mukhopadhyay
Macquarie University, Australia
Vinod Kumar
JayPee University of IT, India
Wuqiang Yang
University of Manchester, UK

About IET and MFIIS

The Institution of Engineering and Technology (IET), earlier known as IEE, Institution of Electrical Engineers, is one of the world's leading professional societies. The IET provides a global knowledge network to facilitate the exchange of ideas and promote the positive role of science, engineering and technology in the world. The IET Kolkata Network is located in the City of Joy, the vibrant metropolis of India. Michael Faraday IET International Summit (MFIIS) was organized in 2015 where all presented paper were published in IET Digital Library. In 2020, fourth MFIIS will be organized as an IET's Flagship Event. It will also be a part of celebration of 75th year of Kolkata Network and 150th year of IET.

CALL FOR PAPER

Original Research work, neither published earlier, not under consideration at any venue are solicited under the following tracks:

A. Power and Energy: Power System Analysis; Power Generation, Transmission and Distribution; Power System Planning and Management; FACTS and HVDC Systems; Wide Area Monitoring and Control; Smart Grid Technologies; Utility Applications; Renewable & Sustainable Energy Technologies; Electrical Machines & Drives; Power Quality and Electromagnetic Compatibility; High Voltage Systems; Dielectric and Nano Materials.

B. Control Techniques and Robotics: Mobile Robots and Intelligent Autonomous Systems; Cognitive Approach for Robotics; Collective and Social Robots, Network Robotics Control and Supervision Systems; Guidance, Navigation and Control; System Identification and System Modelling; Various monitoring and control applications; Space and Underwater Robots, Vehicle Control Applications; Virtual Environment, Virtual and Augmented Reality; Vision, Recognition and Reconstruction; Information-Based Models for Control; Modelling, Analysis and Control of Discrete-Event Systems, and Hybrid Dynamical Systems.

C. Measurement and Signal Processing: Measurement and signal processing methods for biomedical applications; Soft sensor, smart sensor, microsensors and sensor fusion; Image and signal processing techniques in measurement; Embedded systems for measurements and instrumentation; Machine learning and artificial intelligence applications for measurements; Measurements agriculture, plant automation, transportation, wide area monitoring; Measurements and signal processing for energy and power systems; Virtual and advanced instrumentation techniques; Optical measurement system, Fiber Optic measurements and signal processing.

D. Communication and Networking: Wireless and cellular architectures, components, and circuits Cognitive and adaptive radios; wireless sensor protocols and applications; Optical wireless and visible light communications; Vehicular Networks and communications; Optical fiber techniques and microwave photonics.

E. IoT and Emerging Technologies: IoT big data analytics; Cloud/fog/edge computing for IoT; Self-organizing networks; Lightweight communications; Artificial intelligence for IoT; Data mining platforms for IoT; Open service platform; Semantic service for IoT; IoT security, privacy and trust; IoT applications for agriculture and monitoring applications.

F. Future of Mobility and Transport: Mobility Planning, Management & Safety; Alternative Energy Vehicle; Flexible Route Design; Point to Point Communication; Electric and Hybrid Vehicles; Disruptive Innovation in Transport; Transport Integration; Sustainable Mobility; ICT Based Transport; Traffic Optimization; Rural Mobility.

Paper Submission link: <https://easychair.org/conferences/?conf=mfiis2020>

For detailed information visit URL: <http://mfiis.com/>

Full paper submission due: March 15, 2020.

Contact us: mail2mfiis@gmail.com