



IEMPOWER – 2022

3rd International Conference on Industrial Electronics, Mechatronics , Electrical and Mechanical Power 2022

organised by
Institute of Engineering & Management ,Kolkata

CALL FOR PAPERS

- Authors are invited to submit their full paper(s) electronically through EasyChair.
- All papers will be peer reviewed.
- Authors are requested to register themselves within the deadline for presentation, if the paper is accepted.
- For more queries, please visit <https://iempowercon.smartcommunity.org/>

Topics and technical areas of interest include but are not limited to the following :

We invite you to submit research papers related to following conference tracks:

Track 01: Industrial Electronics

- Microelectronic Design
- Manufacturing and Integration
- Smart sensors
- Instrumentation Systems
- Smart consumer electronics
- Signal processing for industrial application and smart systems
- Artificial intelligence and soft computing techniques
- Industrial wireless sensor networks
- Communication technology for industry 4.0
- Green communication in industry
- Environment friendly networking
- Antennas and electromagnetic fields
- Industrial image processing
- Industrial internet of things
- Silicon photonics in communication industry including interconnects and data centers

Track 02: Mechatronics

- Engineering application on robotics and automation
- Cognitive approach for industrial robotics
- Control and supervision in industrial systems
- Advance automation and control techniques related to Smart industry and Smart
- Commercial Machines
- Smart robotics science and technology
- Sensing and control system
- Modeling and simulation of physical system
- Intelligent control
- Embedded control system
- Smart measurement techniques
- Human machines interactions

Track 03: Electrical & Mechanical power

- Renewable energy
- Smart micro-grid
- Energy storage and management
- Power electronics and energy efficient drives
- Power quality improvement techniques
- Condition monitoring of electrical equipment's
- Power system dynamics and control
- Fuel efficient engine and technologies
- Additive manufacturing process
- Reliability and maintenance engineering
- Computational fluid dynamics
- Total quality management and quality engineering

IMPORTANT DATES

- **FULL PAPER SUBMISSION: 30th-September 1st November,2022**
- **NOTIFICATION OF ACCEPTANCE: 20th-October 5th November,2022**
- **REGISTRATION OPEN: 10th October,2022**
- **REGISTRATION CLOSE: 4th-November 8th November,2022**
- **CONFERENCE DATES: 17-19th November,2022**
- **VENUE: Virtual Mode/Online**

PAPER SUBMISSION:

Authors are required to upload original Full papers through EasyChair link as given below.

The Manuscript submission Web Page for IEMPOWER-2022 is:

<https://easychair.org/conferences/?conf=iempower2022>

[Authors need to: Create an account (If already not registered)with EasyChair link]

Author's Guideline for manuscript preparation:

<http://aip.scitation.org/apc/authors/download>

KEYNOTE SPEAKERS

Pierluigi Siano,

Eng., Ph.D., SMIEEE

Scientific Director of the Smart Grids and Smart Cities Laboratory

University of Salerno , Italy

Josep M. Guerrero

Professor, Villum Investigator | AAU Energy
The Villum Center for Research on Microgrids (AAU CROM)

Aalborg University, Denmark

Professor Akhtar Kalam

Head of External Engagement

Leader – Smart Energy Research Unit
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Victoria University, Australia

Prof. Kamrul Alam Khan

Professor and Dean

Department of Physics

Jagannath University - Bangladesh

CONTACT INFO :

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Looking forward to meeting you online at IEMPOWER in November 2022!

Best regards,

Prof. Rajib Mallik & Prof. Subhajit Kar

Conveners; IEMPOWER - 2022.

Organized by: Institute of Engineering and Management, Salt Lake, Kolkata, India .

(<https://iem.edu.in>)

- The accepted and presented papers will be published in **American Institute of Physics(AIP) Conference Proceedings**.
- Indexed in leading databases- **Web of Science, Scopus® , Inspec and Chemical Abstract Service(CAS), Astrophysics Data System(ADS)**

REGISTRATION AMOUNT :

Categories	National	International
Students	Rs 8000	\$ 150
Researchers/Academicians	Rs 9000	\$ 200
Industry personnel	Rs 10000	\$ 250

★ **"Accepted Paper will be published in SCOPUS indexed Conference proceedings of AIP"** ★