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.smartsociety.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
College of Engineering and Science (D524 or D332)
Victoria University, Australia

Prof. Kamrul Alam Khan
Professor and Dean
Department of Physics
Jagannath University - Bangladesh

CONTACT INFO :
General Info and queries: iempower2022@iem.edu.in
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" ⭐