

Twelfth International Conference on Advances in Power Electronics and Instrumentation Engineering PEIE 2021

Jan 27-28, 2021; in Bengaluru, India

<http://peie.theides.org/2021/>

DIET
PEIE

GRENZE
Scientific Society

Last Date of Paper Submission: 13 Dec 2020, Paper Acceptance Notification: 18 Dec 2020, Paper Registration: 13 Jan 2021

Technical Chair

Dr. Hicham Elzabedani
(American University in Dubai)
Dr. Prafulla Kumar Behera
(Utkal University, India)

Technical Co-Chair

Dr. Natarajan Meghanathan
(Jackson State University, USA)

General Chair

Dr. Janahanlal Stephen (Mookambika
Technical Campus, India)

General Co-Chair

Prof. K. U Abraham (Holykings
College of Engineering, India)

Publicity Chair

Dr. Amit Manocha
(Giani Zail Singh PTU Campus, India)

Organizing Chair

Prof. Akash Rajak (Krishna Institute of
Engg. & Tech., UP, India)
Dr. Yogesh Chaba
(Guru Jambhewara University, India)

Organizing Co-Chair

Dr. Theo Vande Hoak
(University of Amsterdam, Holland)
Prof. Ford Lumban Gaol
(University of Indonesia)

General Vice-Chair

Dr. Gylson Thomas (Muthoot Institute
of Technology and Science, India)

Executive Chair

Dr. Rajesh Bhatia
(PEC Univeristy of Technology, India)

Program Committee Chair

Dr. Harry E. Ruda
(University of Toronto, Canada)
Dr. Durga Prasad Mohapatra
(NIT Rourkela, India)

Program Committee Members

Dr. Shu-Ching Chen (Florida
International University, USA)
Dr. T.S.B. Sudarshan
(BITS Pilani, India)
Dr. Habibollah Haro
(Universiti Teknologi Malaysia)
Dr. Derek Molloy
(Dublin City University, Ireland)
Prof. Jagadeesh Pujari (SDM.College
of Engineering & Technology, India)
Prof. Animesh Adhikari
(S P Chowgule College, India)
Dr. Anirban Mukhopadhyay
(University of Kalyani, India)

Twelfth International Conference on Advances in Power Electronics and Instrumentation Engineering - PEIE 2021, will be held during Jan 27-28, 2021; in Bengaluru, India. PEIE, is to bring together innovative academics and industrial experts in the field of Power Electronics, Communication Engineering, Instrumentation Engineering, Digital Electronics, Electrical Power Engineering, Electrical Machines and etc to a common forum.

The PEIE conference is jointly organised by the **IDES** and the **Association of Computer Electrical Electronics and Communication Engineers (ACEECom)**. All the accepted registered papers will be published by the **Grenze Scientific Society** and it will be made available in the **GRENZE International Journal of Engineering and Technology (GIJET)**, and will be indexed in **Scopus**.

PEIE 2021, is an international conference where theory, practices, and applications of Control and Instrumentation, Communication system, Power Electronics and Power Engineering and related topics are presented and discussed. Original contributions are solicited on topics covered under broad areas such as (but not limited to):

Active power quality controllers
Aerospace applications
Automotive vehicles
Bearingless drive technologies
Bio-medical power electronics
Construction and protection
Consumer power electronics
Control of Power Converters
Custom power devices
Distributed generation
Distribution networks
Electrical Machines and Actuators
Electromagnetic Compatibility
EMC standardization
Micro-electromechanical systems (MEMS)
Military Technology
Modeling and simulation
Modulation techniques
Power Electronics in Transportation
Power Engineering related technologies

Reliability and economics
Renewable Energy Sources
Renewable energy Technologies
Semiconductor Devices and Packaging
Wind, Solar and Renewable Energy
Switch-mode power supplies and UPS
Telecommunications power supplies
Test, measurement and instrumentation
Unconventional motors and generators
Energy efficiency in industry.
Variable and constant speed generators
Voltage restorers
Telecommunication Technologies
Education and power quality.
Electric Drivers and Application
Semiconductor Technology
Diagnosis and Sensing Systems
MEMS-Related Technology
Inverter and Converter Technology
Power System Planning and Scheduling

Prospective authors are invited to submit full (original) research papers (which are NOT submitted/published/under consideration anywhere in other conferences/journals) in electronic (PDF only) format through the **CMT Conference Management System** or via email peie.chair@gmail.com

ACEECom

IDES

ICPS
IDES Conference Publishing System