



4th International Conference on Power Generation Systems & Renewable Energy Technologies (PGSRET-2018)



CALL FOR PAPERS



10TH -12TH SEPTEMBER, 2018

AT QUAID-E-AZAM AUDITORIUM , FAISAL MASJID CAMPUS, SECTOR E-8, ISLAMABAD, PAKISTAN

About:

The Department of Mechanical Engineering, Faculty of Engineering and Technology, IIUI is organizing its 4th International Conference on Power Generation Systems and Renewable Energy Technologies (PGSRET) on 10-12 September, 2018 with collaboration of HEC. PGSRET is technically co-sponsored by IEEE. The Conference Proceedings will be submitted for publication in IEEE Xplore. PGSRET is IEEE Indexed International conference via Conference Code # 44306, ISBN No. 978-1-5386-7027-9 at: https://conferences.ieee.org/conferences_events/conferences/conferencedetails/44306

The three days International Conference will be held in the beautiful Capital City of Pakistan, at the International Islamic University, Old Campus Auditorium (Faisal Masjid), Sector E-8. The foreign and Pakistani experts will be invited to deliver their Keynote talks, contributory lectures and poster presentations on the conference topics. The topics are selected to elaborate on the theme of the conference on new power generation technologies and available hydro-power capacity in Pakistan. This conference offers an opportunity for engineers, scientists, professionals, policymakers, investors and other parties to review recent developments in the energy systems and technologies.

The outcome of the topics, lectures, expert discussions, presentations and latest R&D on different power generation systems and technologies will help our societies in Asia and particularly in Pakistan to get rid of energy crises and power shortages. The experts will help us during the discussions and meetings for possible solutions on our industrial and domestic energy production goals.

The young engineers/professionals will be given a chance to present their findings on the conference topics. Conference will provide an opportunity for everyone to come and join us in the day to day discussions, lectures, presentations with their new ideas covering everything from a micro project to a mega project. The Conference theme covers as many topics as possible, under different fields of electricity/power generation, sustainable as well as renewable systems and technologies.

Publications:

The Conference Proceedings will be submitted for publication in IEEE Xplore Digital Library.

Authors of selected papers (presented at the Conference), will be invited to submit extended versions of their papers for further peer review, in one of the following journals:

- "Journal of Engineering and Applied Sciences (JEAS)" HEC recognized X category
- "Technical Journal" HEC recognized Y category
- "The Nucleus" HEC recognized Journal

Keynote Speakers:

Prof. Dr. Omar bin Yaaqob
Prof. Dr. Mohd Nasir TAMIN
Prof. Dr. Ahmad Faris Bin Ismail
Prof. Dr. Ansar Parvez
Prof. Dr. Inam ur Rahman

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Conference Topics:

Areas of interest include, but are not limited to:

- Power Generation - Conventional and Renewable
- Wind power Generation and Utilization
- Optimization of Wind Energy Systems
- Wind Turbine Design and Optimization
- Wind Farm Layout & Optimization
- Solar Energy: Solar Power Applications
- Biofuels & Biogas
- Bio-energy Technologies, Process and Utilization
- Geothermal and Tidal wave Energy
- Ocean Energy
- Hydro Energy
- Electric Vehicles
- New Technologies and Design for Energy Efficiency
- New Technologies For Minimizing CO₂ Generation
- Nuclear Energy
- Fossil Fuels, Oil, Gas & Coal
- Waste Products as Fuel
- Other Sustainable Energy
- Energy Production & Plant Layouts
- Energy Marketing
- Energy Management

- Cost Effective Means Of Energy Conservation
- Power Engineering
- Power System Management
- Power System Management Technologies
- Integrated Substation Automation Technologies
- Power System Monitoring and Mitigation Technologies
- Online Monitoring and Fault Diagnosis Systems
- Control Strategies for Modern Power System Stability
- Modeling and Simulation of Power Systems
- Power Transmission and Distribution
- Power System Analysis and Optimization
- Load Modeling, Estimation and Forecast
- Power System Planning and Operation
- Electromagnetic Transient in High Voltage Power Systems
- Insulation Condition Monitoring in Power Systems
- Electromagnetic Analysis in Power Systems
- Smart Grid Technologies
- Modeling of Grid Environments
- Environmental-Friendly Technologies for Power Generation

Web:

<http://www.iiu.edu.pk/conferences/pgsret2018>

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Important dates



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