

The workshop will involve invited speakers from academia and industry. The experts in the fields of new technology for fuels utilization including carbon capture and storage, biomass, oxy-coal combustion, gasification are invited to share knowledge and expertise.

The main themes of the proposed workshop include:

- Conventional and alternative fuels
- Energy conversion processes
- Process modeling and simulation of energy systems
- Scale up and design of energy systems
- Towards innovative energy systems – role of academia

The workshop will enable the participants from both sides to share their experiences and knowledge. Such collaborative effort will be helpful in development of new ideas and technology which will ultimately help to resolve energy and environmental issues with focus on economic growth.

Aim of the summit is to enable participants from three vital segments, Government, Industry and Academia to share their experiences and knowledge.

Such collaborative effort will be helpful in bridging the gap and developing on new ideas for energy technology.

This will ultimately help to resolve energy and environmental issues with focus on economic growth.

OCTOBER 8-10, 2018

PAKISTAN INTERNATIONAL SUMMIT ON ENERGY

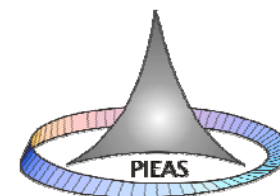
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RESOURCE PEOPLE

Foreigner

- ♦ Farid Nasir bin Ani
- ♦ Fernando M. B. Marques
- ♦ Lamyaa El-Gabry
- ♦ Dheya Shuja'a Al-Othmany

Pakistan

- ♦ Naveed Ramzan
- ♦ Muhammad Latif
- ♦ Ahmad Hussain
- ♦ Tahir Sattar
- ♦ Bilal Hussain
- ♦ Rabia Liaqat
- ♦ Mian Sohail

PROGRAM (TENTATIVE)

Technical Session - I: Conventional and Alternative Fuels

- ♦ Microwave Induced Thermal Processing of Bioresources and Biodiesel from Sustainable Plantation
- ♦ Enhancing fuel properties of biomass of indigenous biomass via demineralization and torrefaction

Technical Session - II: Energy Conversion Processes

- ♦ Role of Alternative Power Supply Options in Electricity Generation Mix of Pakistan
- ♦ Energy Conservation Strategies and Peak Loads Management in Severe Climate Countries

Technical Session - III: Renewable Energy Systems and Other Related Topics

- ♦ Electrochemical Membranes in Advanced Energy Technologies
- ♦ Potential of Wind and Solar Powered Pumping in Different Locations

Technical Session - IV Interdisciplinary

- ♦ Monitoring and Assessment of Radioactivity Hazards Associated with Mining of Saudi Bauxite Ores
- ♦ Prevailing Government Policies and Tariffs with Alternate Fuels

Technical Session - IV: Scale up and Design of Energy Systems

- ♦ Algorithm for optimal operation of home

REGISTRATION FORM

Name

Designation

Organization

Contact Address

Contact Numbers/
Email

*Registration Fee **Rs. 2,000/-** per participant is to be paid in favor of **PIEAS, Islamabad***

Please send nominations to:

Prof. Dr. M. Tayyeb Javed

Secretary (Pakistan Energy Summit)

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