Workshop on "Integrated Energy Systems: Battery & Beyond"

Introduction to the Centre and Event

The Centre for Advanced Electronics & Photovoltaic Engineering (CAEPE) at International Islamic University, Islamabad is a university-wide Centre aimed to create knowledge and develop the cross-disciplinary market-driven research focused on the applications of Advanced Electronics & Photovoltaic Engineering via processes, components and systems. The Centre is supported by various national and international grants specifically from Islamic Development Bank (IDB), Kingdom of Saudi Arabia, Higher Education Commission (HEC), Pakistan Science Foundation (PSF), US-DOE Berkeley Lab's Facility Access Program, etc. The Government of Pakistan has also awarded a huge funding in tune of PKRs. Multi-hundred million for the capacity building of the Centre under the university's Mega PC-1. The Centre also takes pride in winning first ever PSF-NFSC International Grant for the university. The said grant is focused on the novel solutions towards Energy Storage Systems. The energy storage sector has seen an unprecedented interest due to the focus on renewable, innovative and cost effective energy practices. In this vein, we wish to introduce this exciting area from the science and engineering manufacturability perspective to a greater audience. This event is being organized by CAEPE under the ***PSF-NFSC*** grant and this is the ***third of this series*** on the very theme of Energy Storage Technologies.

Experts/Resource Persons

- Prof. Dr. Hong Meng, Peking University, China
- Prof. Dr. Ahmed Shuja Syed, IIUI
- Dr. Ghulam Ali, NUST
- Dr. Hassan Abbas Khan, LUMS
- Dr. Mashkoor Ahmad, PINSTECH
- Dr. Mustansar Abbas, NCP
- Dr. Gul Hassan, IIUI

7th April, 2020

Timing:
09:00 am – 06:00 pm
Venue:
Lincoln Corner, Central Library

International Islamic University,
H-10, Islamabad

Themes

- Capacitors (Super, Ultra, Pulsed Power)
- Rechargeable Technologies
- Phase Change Materials, Electro Chromic Devices & Novel Materials for Energy Storage
- Electrodes/Electrolytes Interfaces/ Anodes and Cathodes
- Lithium Batteries & Next Generation Alternatives
- Battery Market: Mobile Phones, Electric Vehicles and Beyond
- Printed & Wearables Circuits for Energy Storage

Who Should Attend?

Faculty Members and Research Students from IIUI and other universities , Higher Management of HEIs/ ORICs/ HEC/ PSF/ Scientific organizations, Policy Makers, Technology/ Market Leaders etc.

Focal Points/ Organizers

Prof. Dr. Ahmed Shuja Syed
(Founding E.D CAEPE/ P.I)

Dr. Imran Murtaza (Co-P.I)

Dr. Gul Hassan
(Cleanroom Manager)

Engr. Shoaib Alam
(Labs Manager)

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