

OPENING CEREMONY

INTERNATIONAL CONFERENCE ON ENERGY CONSERVATION AND EFFICIENCY– 2017

Energy Conservation – A Smart choice

Wednesday 22nd Nov, 2017 | Duration [09:00 – 11:30]Hrs | Venue: Faletti's Hotel, Lahore, Pakistan

[09:00 – 09:05]Hrs	National Anthem
[09:05 – 09:08]Hrs	Recitation : Holy Quran
[09:08 – 09:10]Hrs	Naat Rasool E Maqbool
[09:10 – 09:35]Hrs	Welcome Notes Conf. Convener : Dr. Fazal Ahmad Khalid, Vice Chancellor UET Lahore, Pakistan Conf.Chair: Mr. Farooq Amjad Meer, President FSK Pvt Ltd & NSR Gr. Of Companies Conf. Technical Chair:Dr. Waqar Mehmood, Director, CERAD UET Lahore, Pakistan Conf.Co-Chair: Mr. Rao Ahmad Khalid, Managing Director FSK Pvt. Ltd.
[09:35 – 09:50]Hrs	Distinguished Guest – Mr. Asad Mahmood, Manager Technical ECF/NEECA, Islamabad, Pakistan
	Distinguished Guest – Mr. Jamil Ahmad Mayo, CEO, HNL Pvt. Ltd , Pakistan
	Distinguished Guest – Ms. Lea Swanson, USAID Provincial Director, Punjab
	Distinguished Guest – Mr. Adnan Mudassar, MD PECCA, Punjab
	Guest of Honor- Mr. Muhammad Jehanzeb Khan, Additional Chief Secretary Energy, GoP
[09:50–10:00]Hrs	Chief Guest Note
[10:00 - 10:20]Hrs	Plaques Distribution
[10:20 - 10:30]Hrs	Group Photo
[10:30 - 10:50]Hrs	Refreshment & Networking
[10:50 – 11:30]Hrs	Exhibition Opening

[DAY – 1]

SESSION-I[DAY – 1]		
[12:00 - 13:20] Hrs.	Energy Usage Pattern(Domestic, Commercial, Offices, Agriculture & Industries) <i>Wednesday 22nd Nov, 2017 / Duration [12:00 – 13:20]Hrs / Venue: Faletti's Hotel, Lahore, Pakistan</i>	
	Track – 1A Venue : Room A	Track – 2A Venue : Room B
	Session Chair: Dr. Ghalib Asadullah Shah	
Invited Talk [12:00 - 12:30]Hrs	Technical Cooperation Project in collaboration with NEECA to Develop Effective Phasing out Strategy/ Program of Inefficient Appliances to Support Energy Standards and Labeling <i>Speaker: Kenji Ogasahara.p.e. JICA, Pakistan</i>	Optimum Selection for Energy Storage from Renewable resources; Saudi Arabia <i>Speaker: Dr. Mohamed Shwehdi King Faisal University, KSA</i>
Paper Presentations [12:30 - 12:50]Hrs	Assessment of Hybrid off-Grid Wind Photovoltaic System Presenter: Mr. Z.ULLAH	Application of Smart Energy Technologies in Building Sector Presenter: Mr. Faiz M Bhutta
	Control and Identification of Dynamic Plants Using Adaptive Neuro-Fuzzy Type-2 Strategy Presenter: Mr. Z.ULLAH	Maisotsenko Cycle based Counter and Cross Flow Heat and Mass Exchanger: A Computational Study Presenter: Mr. Rasikh Tariq
Invited Talk [12:50 - 13:20]Hrs	Solar Photovoltaic: Challenges and Opportunities for Developing Nations <i>Speaker: Dr. Zainal Bin Salam Fke University Technology Malaysia, Malaysia</i>	<i>Solar Paints</i> <i>Speaker: Dr. Abdul Basit Saim Institute of Space Technology, Islamabad</i>
[13:20 - 14:00]Hrs	Lunch & Prayer Break	

[DAY – 1]

Session-II[DAY – 1]		
[14:00 - 17:00]Hrs.	Energy Conservation Strategies and Smart Energy Technologies <i>Wednesday 22nd Nov, 2017 / Duration [14:00 – 17:00]Hrs / Venue: Faletti's Hotel, Lhr., Pak.</i>	
	Track – 1B Venue : Room A	Track – 2B Venue : Room B
	Session Chair: Mr. Muhammad Ali	
Invited Talk [14:00 - 14:30]Hrs.	Energy Efficiency of Wearable Biomedical circuit and Systems <i>Speaker: Dr. Wala Saadeh Jordan</i>	<i>Speaker: Mr. Naveed Saddique Ghulam Farooq Group</i>
Paper Presentations [14:30 - 14:50]Hrs.	Smart Grid Implementation and Development in Pakistan Presenter: Mr. Shahid Zulfiqar	Development of Motor Test Bench Presenter: Mr. Mohammad Ali
	Decentralized MPC Based Frequency Control for Smart Grid Presenter: Mr. Z.ULLAH	Investigation of Maisotsenko cycle (M-cycle) air-conditioning system for Multan (Pakistan) Presenter: Mr. Muhammad Kashif
Industrial Tutorial [14:50 - 15:35]Hrs.	Energy for Global Peace and Prosperity <i>Speaker : Mr. Nisar A. Latif Solar Sigma. Pakistan</i>	Speaker : Mr. Hassan Zaidi <i>Power Planner International, Pakistan</i>
Paper Presentations [15:35 - 15:45]Hrs.	Automated Control System for Indoor Air Quality Management Presenter: Mr. Tallal Ahmed	Effect of Heliostats Reflectivity on the Cost of Solar Thermal Tower Power Plant Presenter: Mr. Hamza Ahmad Raza
Invited Talk [15:45 - 16:15]Hrs.	Energy Conservation and Flexible Integration of Renewables – Tech Startups based on Innovation <i>Speaker: Mr. Nauman Zaffar Lahore University of Management Sciences, Lahore, Pakistan</i>	Low-cost and Sustainable Air-conditioning Systems for Pakistan <i>Speaker: Dr. Muhammad Sultan Japan</i>
[16:15 - 17:00]Hrs.	Panel Discussion Renewable Energy & DC Microgrid and its integration with Current Grids <i>Moderator : Dr. Hassan Abbas, LUMS</i>	Panel Discussion Energy Monitoring and Current usage of Electricity at residential and Commercial(Industrial) Scale <i>Moderator : Dr. Bilal Arif, Schneider Electric</i>

[DAY – 2]

Session-III[DAY – 2]		
	Building Design Feasibilities and Environmental Impact	
[10:00 - 11:30]Hrs	<i>Thursday 23rd Nov, 2017 / Duration [10:00 – 11:30]Hrs / Venue: Faletti's Hotel, Lhr., Pak.</i>	
	Track – 3A Venue : Room A	Track – 4A Venue : Room B
	Session Chair: Dr. Ghalib Asadullah Shah	
Invited Talk [10:00 - 10:30]	Biodiesel Production Using Microwave Synthesis Unit <i>Speaker: Dr. Nezihe Ayas Anadolu university, Turkey</i>	First Provincial Energy Policy Strategy for KPK <i>Speaker: Dr. Iftikhar Ahmad USPCASE – USAID</i>
[10:30 – 10:50] Paper Presentations	Designing of Compact Rectangular Microchannel Heat Exchanger based on Thermal Resistance Network for Waste Heat Recovery Systems Presenter: Mr. Nouman Ali	Comparative numerical investigation on effect of characteristic parameters on thermal energy enhancement by alumina-water and cupric-oxide-water nanofluids Presenter: Shomaz Haq
Industrial Tutorial [10:50 – 11:30]	Energy efficient Building Design <i>Speaker : Mr. Nisar Diomand Foam</i>	Improving the Efficiency, Capacity and Reliability of Pakistan's Transmission System <i>Speaker: Mr. Salman Tahir Pakistan Cables</i>

[DAY – 2]

Session-IV[DAY – 2]		
	Funding/Educational Training Opportunities & Collaborations	
[11:30 -15:00]Hrs	<i>Thursday 23rd Nov, 2017 / Duration [11:30 – 15:00]Hrs / Venue: Faletti's Hotel, Lhr., Pak.</i>	
	Track – 3B Venue : Room A	Track – 4B Venue : Room B
	Session Chair: Dr. Amir Mehmood	
Invited Talk [11:30 - 12:00]	Conservation By Generating Energy from Renewable Energy Resources <i>Speaker: Dr. D. M. Akbar Hussain Aalborg University, Denmark</i>	Policy and Governance <i>Speaker: Ms. Maha Kamal Queen Marry , University of London, UK</i>
[12:00 – 12:10] Paper Presentations	Review on the role of sustainability techniques in development of green building Presenter: Mr. Ubaid ur Rehman	Smart Designing: Reducing the Solarization Cost by Energy Efficient Retrofits Presenter: Mr. Tallal Ahmed
Tutorial - 3 12:10 – 13:00	GIZ	<i>Mr. Abdur Rehman, Program Manager PEECA</i>
[13:00 - 14:00]	Lunch & Prayer Break	
14:00 – 15:00	Panel Discussion Smart Buildings Design(Zero Energy) and its Environmental Impact <i>Moderator: Dr. Aftab Ahmad President NAYS</i>	Panel Discussion Gaps in Energy policies and Solutions in context of Energy Conservation and Efficiency <i>Moderator: Ms. Maha Kamal Queen Marry, UK</i>

CLOSING CEREMONY

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Thursday 23rd Nov, 2017/ Duration [15:00 – 16:15]Hrs / Venue: Faletti's Hotel, Lahore, Pakistan

[15:00 - 15:20]	Reception (Guest & Participants)
[15:20 - 15:25]	Recitation : Holy Quran
[15:25 - 15:30]	Naat Rasool E Maqbool
[15:30 - 15:45]	Closing Notes
	<i>Distinguished Guest – TBD</i>
	<i>Distinguished Guest – Farah Azeem Former MPA Baluchistan</i>
	<i>Distinguished Guest – Engr. Jawad Salim Qureshi, Chairman PEC</i>
[15:45 – 15:50]	<i>Chief Guest : Provincial Minister of Energy and Mining</i>
[15:50 – 15:55]	Plaques Distribution,
[15:55 – 16:00]	Group Photo
[16:00 - 16:15]	Refreshment