



DICE Energy & Water 2016

Student Project Exhibitions | Industrial Exhibitions | Symposium

Conserve Water and Energy for Green Pakistan

Symposium | Technical Program

DICE Energy & Water 2016 - Technical Program
19th -20th December, 2016
University of Engineering & Technology Lahore, Pakistan



OPENING - [DICE E&W Monday, December 19, 2016 10:00 AM - 11:15 AM]

Reception of Guest/ Participants : 09:00 AM - 10:00 AM | Venue : Main Auditorium, UET Lahore

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| 10:00 AM - 10:03 AM | National Anthem |
| 10:03 AM - 10:06 AM | Recitation of Holy Quran |
| 10:06 AM - 10:11 AM | Welcome Address: Permission for Opening the Ceremony : Patron Dr. Fazal Ahmad Khalid , Vice Chancellor, UET Lahore, Pakistan |
| 10:11 AM - 10:14 AM | Introductory Video of DICE Energy & Water 2016 |
| 10:14 AM - 10:24 AM | Technical Program Presentation: Dr. Waqar Mehmood , Director KICS, University of Engineering and Technology, Lahore, Pakistan |
| 10:24 AM - 10:30 AM | Address Mr. Khurshid Qureshi , Chairman DICE Foundation |
| 10:30 AM - 10:35 AM | Motivational Song |
| 10:35 AM - 10:40 AM | Address Distinguished Guest |
| 10:40 AM - 10:43 AM | Address Chief Guest |
| 10:43 AM - 10:50 AM | Group Photo |

OPEN - DICE ENERGY & WATER [Day-1]

DICE ENERGY & WATER SYMPOSIUM [Monday December 19, 2016 :: Technical Program Day-1]

| Track | Renewable Energy(RE) Resources | Sustainable Irrigation Systems for Agriculture | Energy Management (EM) |
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| Venue | Auditorium Room I, Main Auditorium UET, Lahore Pakistan | Auditorium Room II, Main Auditorium UET, Lahore, Pakistan | Auditorium Room III(GIZ), Main Auditorium, UET Lahore |
| Track Chair | Mr. Muhammad Amjad , CEO QA Solar & Wind | Dr. Syed Hamid Shah , Director Water Management Center, UOF | Dr. Sohail Aftab Qureshi , Dean EE UET Lahore |
| 11:15 AM - 11:45 AM | Overview :Energy for Global Peace and Prosperity Mr. Nisar , Ceo Solar Sigma Reap | Overview : (Pre-Boring Testing & Energy Audits of Tube well) Engr. Usman Iqbal , Asst. Director Punjab Irrigation Department | IEEE PES DLP : Talk Dr. Muhammad Hamid Shewdi , King Faisal University, Saudia Arabia |
| 11:45 AM - 12:10 PM | Tutorial : Success Story : Quaid Azam Solar Park Mr. Muhammad Amjad , CEO QA Solar & Wind | Tutorial : Solutions for General and Smart Irrigation Applications Mr. Zaeem Aslam , GM Dynamic Green (Pvt Ltd.) | Talk : Energy Management Dr. Tahir Izhah , EE Dept., UET Lahore |
| 12:10 PM - 12:35 PM | Talk : 40 Mega Watt Generation from Waste Material Dr. Syed Bilal , Managing Director LWMC | Talk : Underground Ground Water Saving Technologies Dr. Syed Hamid Shah , Director Water Management center, Faisalabad | Talk : Energy Conservation and efficiency Dr. Sohail Aftab Qureshi , Dean EE UET Lahore |
| 12:35 PM - 01:05 PM | Talk : Advances in Psychometric Renewable Energy from Air: Fundamental and Applications Dr. Engr. Muhammad Sultan , Kyushu University, Japan | Panel Discussion : Sustainable Irrigation Systems for Agriculture Moderator: Danish Zubair , Adaptive Tec | |
| 1:05 PM - 1:45 PM | BREAK [LUNCH & PRAYER] | | |
| Track | Sustainable Energy(SE) | Safe drinking Water for Communities | |
| Venue | Auditorium Room I, Main Auditorium UET, Lahore Pakistan | Auditorium Room II, Main Auditorium UET, Lahore, Pakistan | |
| Track Chair | Mr. Nasir A Latif , Ceo Solar Sigma Reap | Dr. Zaheer Ud Din , CTO, Saaf Pani | |
| 01:45 PM - 02:15 PM | Tutorial : Generation of Energy from Biogas & Biomass Mr. Arif Ali , CEO Rev Green | Overview : Overview of Water in Pakistan Dr. Zaheer Ud Din , CTO, Saaf Pani | |
| 02:15 PM - 02:35 PM | | Talk : Heavy metals on quality of water and water contamination in Pakistan Dr. Aftab Ahmed , President NAYS | |
| 02:35 PM - 02:55 PM | | Talk : Analyzing National Innovation System of Pakistan and Alarming Rate of Environmental Degradation Dr. Muhammad Shafiq , University of Punjab, Lahore, Pakistan | |
| 02:55 PM - 03:30 PM | Panel Discussion : Renewable Energy Resources and its development in Pakistan Moderator : Mr. Nasir A Latif , Ceo Solar Sigma Reap | Panel Discussion : Clean and Safe drinking Water for Rural Communities Moderator: Dr. Aftab Ahmed , President NAYS | |
| 03:45 PM - 06:45 PM | TECHNICAL VISIT [Center of Energy Research and Development, UET KSK] | | |
| 07:30 PM - 09:00 PM | SOCIAL NIGHT | | |
| CLOSURE - DICE ENERGY & WATER [Monday December 19, 2016 Day-1] | | | |

OPEN - DICE ENERGY & WATER [Tuesday, December 20, 2016 Day 2]

09:15 AM - 10:00AM

TECHNICAL VISIT [Water – WADU & DRIP IRRIGATION SYSTEM]

DICE ENERGY & WATER SYMPOSIUM 2016 - [TECHNICAL PROGRAM DAY -2]

| Track | Integration of Energy | Sustainable Development (Water QA/ Safety Health) | Water Apportionment Accord 1991: 25 years on |
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| Venue | Auditorium Room I, Main Auditorium, UET, Lahore, Pakistan | Auditorium Room II, Main Auditorium, UET, Lahore, Pakistan | Auditorium Room III(GIZ), Main Auditorium, UET, Lahore, Pakistan |
| Track Chair | <i>Mr. Naveed Siddique, GM, Ghulam Faruque Group</i> | <i>Dr. Nazir Ahmad Watto, President, Anjuman Samaji Behbood</i> | <i>Dr. Arif Anwar, Irrigation and Head of Office, IWMI</i> |
| 10:00 AM - 10:30 AM | Talk : Smart Grids: Integration of Energy & its Impact <i>Mr. Nauman Zafar, Director Power Cluster LUMS</i> | Overview: Environmental Overview :Punjab EDE <i>Dr Javed Iqbal, DG Punjab Environmental Department</i> | Overview: Background <i>Dr. Arif Anwar, Principal Researcher – Irrigation and Head of Office, IWMI</i> |
| 10:30 AM - 11:00 AM | Joint Talk : Solutions to the generation and transmission matters confronting Pakistan power sector <i>Mr. Naveed Saddique, GM, Ghulam Faruque Group & Mr. Hassan Jaffar Zaidi CEO Power Planner</i> | Talk : Talk : Policy Analysis for Integrated Water Resource Management <i>Ms. Laila Kasuri, Faculty Associate, Center of Water Informatics & Technology(WIT), LUMS</i> | Talk: Perception and opinion – baseline survey <i>Dr Muhammad Tousif Bhatti, Researcher – Hydrology/Water Management, IWMI</i> |
| 11:00 AM - 11:30 AM | Talk : Integration of Energy <i>Mr. Arshad Munir Kazmi, Industrial Research Advisor, KICS, UET Lahore</i> | Tutorial: Sustainable practices in industrial sector by water stewardship <i>Mr. Suhail Ali Naqvi, Senior Project Officer WWF</i> | Talk: Water Apportionment Accord – 25 Years On” <i>Dr. Arif Anwar, Principal Researcher – Irrigation and Head of Office, IWMI</i> |
| 11:30 AM - 12:00 PM | Talk : Smart Grids: Integration of Energy <i>Dr. Asghar Saqib, Professor Electrical Engineering Department UET Lahore</i> | Tutorial : Water Pricing for Conservation, Sustainability & C. Change <i>Dr.Nazir Ahmad Wattoo,(Tamgha-e- Imtiaz) President, Anjuman Samaji Behbood</i> | Talk: Perception and opinion – end line survey” <i>Dr Muhammad Tousif Bhatti, Researcher – Hydrology/Water Management, IWMI</i> |
| 12:00 PM - 12:45 PM | Panel Discussion: Integration of Energy Sources for Optimal Usage <i>Moderator : Mr. Naveed Saddique GM, Ghulam Faruque Group</i> | Panel Discussion : Improve Environment & Public Health through Water Quality Control <i>Moderator: Ms. Laila Kasuri , Faculty Associate, Center of Water Informatics & Technology(WIT), LUMS</i> | Session Closing Remarks <i>Closing remarks from the organizers – adjourn.</i> |
| 12:45 PM - 1:45 PM | BREAK [LUNCH & PRAYER] | | |
| Track | Energy Conservation & Efficiency | Water Policy & Development Plans | |
| Venue | Auditorium Room I, Main Auditorium, UET, Lahore, Pakistan | Auditorium Room II, Main Auditorium, UET, Lahore, Pakistan | |
| Track Chair | <i>Dr. Tahir Izhar, Chairman EE, UET Lahore</i> | <i>Dr. AbuBakr Muhammad, Director Center for Water Informatics & Technology (WIT), LUMS</i> | |
| 01:45 PM - 02:15 PM | Tutorial : Energy Conservation Standards <i>Mr. Agrab Ali Rana , CEO World Green Building Council(Pakistan Office)</i> | Tutorial: Monitoring of Water Flow in Canals <i>Mr. Azeem, Senior Researcher IWMI</i> | |
| 02:15 PM -02:45 PM | Overview : Energy Efficiency Government Plans: PEECA <i>Mr. Qasim Khokhar, Managing Director PEECA</i> | Talk : Water Policy and Law <i>Mr. Farooq Ahmad Mir, Senior Partner, Meer & Hasan (Attorney at Law)</i> | |
| 02:45 PM - 03:15 PM | Talk: Energy Optimization for buildings and Domestic Gas Appliances <i>Mr. Zia Imran, CEO Zaheem Machine (Pvt Ltd.)</i> | Talk : Building a Smart Water Grid for Pakistan <i>Dr. AbuBakr Muhammad, Director Center for Water Informatics & Technology (WIT), LUMS</i> | |
| 03:15 PM - 03:45 PM | Tutorial : Energy Saving through building Insulation <i>Mr. Nasir Mohyuddin, GM(Technical) Diamond Jumbolon- Symbol</i> | Talk: Water & Conservation <i>Mr. Kashif, Chief Engineer SINGPL</i> | |
| 03:45 PM - 04:30 PM | Panel Discussion : Energy Conservation and Efficiency Policy for Pakistan : A task force development <i>Moderator: Dr. Tahir Izhar, Chairman, EE UET Lahore</i> | Panel Discussion : Water Security and Sustainability: Status, Opportunities & Challenges& Proposed Solution and National Water Policy <i>Moderator: Dr. AbuBakr Muhammad, Director Center for Water Informatics & Technology (WIT), LUMS</i> | |

CLOSURE - DICE ENERGY & WATER [Monday December 20,2016 Day-2]

CLOSING - [DICE E&W Tuesday December 20, 2016] [04:30 PM - 06:45 PM]

Reception of Guest/ Participants: Reception 04:00 PM - 4:30 PM | Venue : Main Auditorium, UET Lahore

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| 04:30 PM - 04:33 PM | National Anthem |
| 04:33 PM - 04:36 PM | Recitation of Holy Quran |
| 04:36 PM – 04:39 PM | Welcome Address: Patron <i>Dr. Fazal Ahmad Khalid</i> , Vice Chancellor, UET Lahore, Pakistan |
| 04:39 PM - 04:42 PM | Video Overview : Highlights of whole Activities |
| 04:42 PM – 04:50 PM | Closing Review Presentation : <i>Dr. Waqar Mehmood, Director KICS UET, Lahore</i> |
| 04:50 PM – 04:56 PM | Addresses Distinguished Guests |
| 04:56 PM - 05:00 PM | Address Chief Guest |
| 05:00 PM – 05:10 PM | Prize Distribution / Winners |
| 05:10 PM - 05:15 PM | Group Photo |
| 05:15 PM – 05:45 PM | Refreshment |

Participation Certificate will be provided after closing on Reception Desk(05:45 PM - 06:30 PM)