

Thursday 22 <sup>nd</sup> June						
8:30 - 9:00						
<b>Official Opening</b> Local Organizing Committee Chair: <i>Dániel Veres</i> Honorary Chairs: <i>Georges Zissis, János Józsa, Larry Good</i>						
9:00 - 11:00						
Invited Speaker S:		Alki Van Heek Emanuele Bianco Gergely György Balázs		Plenary Session Future nuclear power concepts for the near and long term: technology, economics and deployment Next generation wind and solar power: from cost to value Innovation in aviation, research and development of electric and hybrid drive systems for aircrafts		
11:00 - 11:30						
11:30 - 13:30						
Session ID		S1.1.		S1.2.		PANEL
Session Title Session Chair Room		High voltage technology Davide Fabiani, István Kiss		Electrical machines and drives Péter Magyar, Tamás Ruzsányi		Panel discussion
Mahmoud Mohamed		Jaroslav Homak		Balázs Farkas		Comparative Analysis of Control Techniques in Drive Systems for Electric Motorcycle
QIN Zhao yu		Gergely Márk Csányi		Gargi Udasi		Synchronization Device for the Model of Distribution Grid 22 kV
Session Presenters		Rhein Alexander		Saaid Moosavi		Model driven development in Power Electronics
Timon Viola		Alexander Ramonati				Panel discussion on the recent trends and challenges in the field of nuclear energy
13:30 - 15:00						
15:00 - 17:00						
<b>Lunch</b> <b>Dialogue Session</b> S2						
Session ID						
Session Title Session Chair Room						
Dialogue session Ábel Imre Cséh, Gergely György Balázs, Larry Good						
Valeri Saikovski		Ágnes Halász		Feres Hamrouni		Modeling Energy Efficient Building Sustaining Upper On-Grid Solar PV System
Andrej Bof		Gergely Márk Csányi		Soniika Raai		Modeling Energy Efficient Building Sustaining Upper On-Grid Solar PV System
Session Presenters		Anna Mihók		Dániel Veres		Defects of Electrical Insulation Systems with Focus on FEM Modeling
Christian Kühnel		Adriana Romero		Bálint Sebón		Demand-side management in Renewable Energy Park
Sahar Jamshidi		Saaid Moosavi		Dorján Imrinyi		Energy efficiency of city structures
Joao Mota Neto						
Friday 23 <sup>rd</sup> June						
8:30 - 10:30						
<b>Oral Session</b>						
Session ID		S2.1.		S2.2.		S2.3.
Session Title Session Chair Room		Nuclear techniques Alki van Heek		Renewable technologies Tibor Orbán		Power systems #1 József Ladányi
Hyunjae Joo		Gergely Imre Czucz		Tamara Panova		Valid Hala: Modeling and the Impact on Power Quality of Hybrid Solar - Wind Power Plants
Ábel Imre Cséh		Gábor Sárdy		Anita Gábor Kaszok		Development of Expert System for Fault Diagnosis of an 8-MW Bulb-Turbine Downstream Irrigation Hydro Power Plant
Zsófia Tóth				Jo o Galv o		Numerical Study the Performance of Photovoltaic Thermal Collector (PVT) With Round Design
Jongun Lee				Adrienn Katona		Influence of Distributed Generation from Renewable Energy Sources on Distribution Network Hosting Capacity
Dorottya Jakab				Bálint Sinkovics		Effect of inertia deficit on power system stability – synthetic inertia concepts analysis
10:30 - 11:00						
11:00 - 13:00						
Session ID		S3.1.		S3.2.		AEE5
Session Title Session Chair Room		Power Systems #2 József Ladányi		Energy management Tibor Orbán		AEE Seminar
Mohit Mishra		Pavol Belany		Sergio Ricardo da Motta Pires		A Proper Mix of Nuclear Power and Renewables to Fulfill Ecological Requirements of Acceptable CO2 Emission 2038 in Indonesia
Kasim Zor		László Pintér		Valeri Saikovski		Generation Planning for Improving Reliability of Power System in North and Central 1 Region of Laos PDR
Session Presenters		Goran Zdrunic		Zsófia Kovacs		Feasibility analysis for construction of heat accumulator in CHP with combined cycle
István Tazci		Atsackoy Phlavong		Mihály Katona		Well-to-wheel energy consumption and CO2 emission of electric and internal combustion engine vehicles
Hossain Yektaei						
David Majumder						
13:00 - 14:30						
14:30 - 16:30						
Session ID		S4.1.		S4.2.		CAREER
Session Title Session Chair Room		Energy security, markets and policies Károly Gerse		Case studies Davide Fabiani		Young Professional Career Development Workshop
Inna Stano		Mohammad Totou Akbar		Pavel Sovicka		Development of an advanced locomotive simulator Concept at Bay of Bengal
Liliana Nowakowska		Mehrdad Tahmassebi		Rakibul Islam Chowdhury		Feasibility Study of Hybrid Floating Power Plant
Session Presenters		Bo Wang		Ornhong Vilayphonh		Reliability Centered Maintenance for Electrical Distribution System of Phontong Substation in Vientiane Capital
Tamás Pintér				Charifa Boucetta		Smart driven by Estimation of energy Consumption for Electric Vehicle in urban road traffic
Oga Gerasimchuk				Imre Pécsónyi		Load Flow simulations on mitigating ice accretion or high voltage power line conductors
Krisztián Puti						

Panel discussion on the recent trends and challenges in the field of nuclear energy

Alki Van Heek (International Atomic Energy Agency)  
Szabolcs Czifrus (BME)  
András Cséheri (MNT)

AEE Seminar  
Larry Good, Director of International Development, AEE. Information about the Certified Energy Auditor training  
Albin Zeebik, Assistant Director of International Member Development for Eastern and Central Europe. The role of the energy auditing in the ISO 50 001 Energy Management Systems  
Zoltán Czinege, President of the AEE Hungary Chapter. Energy saving opportunities in air handling

Young Professional Career Development Workshop  
Károly Veszprémi (BUTE)  
Anikó Karl (MAVIR)  
Péter Magyar (IEEE)