



AT-SGIREs: Advanced Teaching and training on Smart grid and Grid Integration of Renewable Energy Systems

Stakeholders Training Agenda

Smart grid technologies and their application to smarten traditional power systems

30 November, 2020
Day 1

Location Master hall in the Electrical Energy Engineering at the Damascus University

Start Time	Stop Time	Duration (minutes)	Content
9:00	9:30	30	Registration
9:30	10:00	30	Opening of the workshop (Dr. Ali Alsayed, Head of the Electrical Power Engineering Department)
10:00	10:30	30	An overview of the project (Advanced Teaching and Training on Smart Grids and Grid Integration of Renewable Energy Systems) (Dr. Adib Allahham, Newcastle University – UNEW)
10:30	11:30	60	Introduction to the Smart Grid concept and Pillars of Smart Distribution (Dr. Raed Alcharea, Damascus University)
11:30	12:00	30	Break Coffee
12:00	13:00	60	Smart Grid: Innovative renewable energy sources and energy storage (Dr. Raed Alcharea, Damascus University)
13:00	14:00	60	Integration of renewable energies (photovoltaic systems – wind – fuel cells) in smart grids (Dr. Jamal Alnasseir, Damascus University)





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14:00	15:00	60	Substations in Smart Grids and Active Network Management (Dr. Ghaith Warkozek, Damascus University)
15:00	15:30	30	Open discussion and closing first day

1st December, 2020
Day 2

Location **Master hall in the Electrical Energy Engineering at the Damascus University**

Start Time	Stop Time	Duration (minutes)	Content
9:00	10:00	60	Components of protection systems in Smart Grids (Dr. Samer Rabih, Albaath University)
10:00	11:00	60	Coordination and management of protection devices systems in Smart Grids (Dr. Rami Mousa, Albaath University)
11:00	11:30	30	Break Coffee
11:30	12:30	60	Distribution Automation System (DAS) and Security Models for SCADA (Dr. Ghaith Warkozek, Damascus University)
12:30	13:30	60	Smart Grid Communication System (Eng. Ammar Alghamian, Damascus University)
13:30	14:30	60	Open discussion and closing second day