



Advanced Teaching and training on  
Smart grid and Grid Integration of  
Renewable Energy Systems

# AT-SGIRES Project

Academic Training workshops for Transferring know-how and skills -  
MEU

December 8<sup>th</sup> - 11<sup>th</sup>, 2019

# Partners



الجامعة الألمانية الأردنية  
German Jordanian University



Tafila Technical University



المدرسة المحمدية للمهندسين  
Ecole Mohammadia d'Ingénieurs

Mohammadia School of Engineering



**Day 1: Sunday December 8<sup>th</sup>, 2019 - Time: 11:00 – 12:30**

<b>TOPIC</b>	<b>PRESENTOR</b>	<b>TIME</b>	<b>TIME PERIOD</b>
<b>Dr. Samer As'ad welcoming word</b>	<b>Dr. Samer As'ad</b>	<b>11:00 - 11:05</b>	<b>5 minutes</b>
<b>Tidal Flow (Energy)</b>	<b>Razan Mohammad</b>	<b>11:05 - 11:15</b>	<b>10 minutes</b>
<b>Active network management and automation</b>	<b>Yazan Saleh</b>	<b>11:15 - 11:25</b>	<b>10minutes</b>
<b>Advanced power flow management</b>	<b>Yazan Saleh</b>	<b>11:25 - 11:35</b>	<b>10 minutes</b>
<b>Micro grids and energy management system</b>	<b>Yazan Saleh</b>	<b>11:35 - 11:45</b>	<b>10 minutes</b>
<b>Smart building</b>	<b>Yazan Saleh</b>	<b>11:45 - 11:55</b>	<b>10 minutes</b>
<b>ICT technologies for Smart Grids</b>	<b>Yazan Saleh</b>	<b>11:55 - 12:10</b>	<b>15minutes</b>
<b>Open questions</b>	<b>---</b>	<b>12:10 - 12:30</b>	<b>20 minutes</b>

**Day 2: Monday December 9<sup>th</sup>, 2019 - Time: 12:30 – 14:00**

<b>TOPIC</b>	<b>PRESENTOR</b>	<b>TIME</b>	<b>TIME PERIOD</b>
<b>Dr. Samer As'ad welcoming word</b>	<b>Dr. Samer As'ad and Dr. Awni Jayyousi</b>	<b>12:30 - 12:40</b>	<b>10 minutes</b>
<b>What is the Smart Grid</b>	<b>Michael Madanat</b>	<b>12:40 - 12:45</b>	<b>5 minutes</b>
<b>Renewable Energy and its effect on the grid</b>	<b>Michael Madanat</b>	<b>12:45 - 12:55</b>	<b>10 minutes</b>
<b>Drivers, Challenges and Regulatory issues of Smart Grid</b>	<b>Michael Madanat</b>	<b>12:55 - 1:10</b>	<b>15minutes</b>
<b>Smart Metering</b>	<b>Razan Mohammad</b>	<b>1:10 - 1:20</b>	<b>10 minutes</b>
<b>Demand Side Response</b>	<b>Michael Madanat</b>	<b>1:20 - 1:30</b>	<b>10 minutes</b>
<b>Wave Energy</b>	<b>Razan Mohammad</b>	<b>1:30 - 1:40</b>	<b>10 minutes</b>
<b>Open questions</b>	<b>---</b>	<b>1:40 - 2:00</b>	<b>20 minutes</b>

**Day 3: Wednesday December 11<sup>th</sup>, 2019 - Time: 12:30 – 14:00**  
**Travel Experience in UK**

<b>TOPIC</b>	<b>PRESENTOR</b>	<b>TIME</b>	<b>TIME PERIOD</b>
<b>Challenges before traveling to UK</b>	<b>Students</b>	<b>12:30 – 12:45</b>	<b>15 minutes</b>
<b>The day we arrived</b>	<b>Students</b>	<b>12:45 – 13:00</b>	<b>15 minutes</b>
<b>Food and Culture</b>	<b>Students</b>	<b>13:00 – 13:15</b>	<b>15 minutes</b>
<b>How we got around the city (Video to Newcastle University)</b>	<b>Students</b>	<b>13:15 – 13:45</b>	<b>30 minutes</b>
<b>Coming back to Jordan</b>	<b>Students</b>	<b>13:45 – 14:00</b>	<b>15 minutes</b>

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Thank you!

**MEU** جامعة الشرق الأوسط  
MIDDLE EAST UNIVERSITY  
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