



College of Science & Engineering *in collaboration with*

Acopian Center for the Environment



in partnership with
Solar Hub Armenia
the renewable energy research center for the region



AUA Solar Power Technology Symposium 2016

S p o n s o r s :

26-28 September



Venue: AUA Main Building, Large Auditorium

Registration starts at 8:30

Day	Morning Sessions 9:00 – 12:30	Afternoon Sessions 13:30 – 17:00
Day 1: Monday, September 26	<ul style="list-style-type: none"> • Opening speech • Energy systems and entropy • Climate change and global warming • Introduction to solar physics • Introduction to photovoltaic system applications 	<ul style="list-style-type: none"> • Introduction to solar photovoltaic technologies • Introduction to solar power technology design • Introduction to solar power system feasibility study • Introduction to grid connected solar power systems • Building integrated solar power systems
Day 2: Tuesday, September 27	<ul style="list-style-type: none"> • Overview of grid integrated solar power systems • Typical solar power system installations • Overview of solar power system engineering design principles • Photovoltaic solar power system construction and project management 	<ul style="list-style-type: none"> • Concentrated photovoltaic technologies • Environmental negative impact on solar power energy production • Overview of conventional and smart power transmission systems • Overview of large scale solar power system planning, issues and solutions
Day 3: Wednesday, September 28	<ul style="list-style-type: none"> • Large scale solar power system planning and acquisition • Solar power system energy production management • Overview of large scale solar power economics • Power purchase agreement and legal issues 	<p>13:30 – 15:00</p> <ul style="list-style-type: none"> • Significance of global solar power energy production • Importance of advanced degree program in Renewable and Solar Power Energy Technologies • Importance of photovoltaic technology development in Armenia <p>15:30 – 17:00</p> <ul style="list-style-type: none"> • Audience specific topics of discussion • Workshop question and responses • MARUEEB (See below for details)

First coffee break: 10:30 – 11:00

Lunch break: 12:30 – 13:30

Second coffee break: 15:00 – 15:30

Wednesday, 28 September at 15:30

The session will include a stakeholder's meeting within the frameworks of the ERASMUS+ project *Master Degree in Innovative Technologies in Energy Efficient Buildings for Russian & Armenian Universities and Stakeholders – «MARUEEB»*. The meeting will be held in the AUA Main Building's Large Auditorium.



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