

Second International Conference on SOLAR ENERGY SOLUTIONS FOR ELECTRICITY AND WATER SUPPLY IN RURAL AREAS

OCTOBER 12 – 15, 2016

Following a successful First International Conference of this series, held at AUC in October 2015, this conference aims to showcase and discuss promising approaches and applications for different types of renewable energy as sustainable solutions for rural populations with no access to centralized power and water supply. The focus is on solar electricity and its economic applications for village electrification and the supply of safe drinking water. In addition to photovoltaic solutions, small wind generators as well as small hydro and biogas systems for heat and electricity generation will be discussed.



For over a billion people around the globe, safe drinking water and sustainable energy are still unavailable. Despite numerous announcements and ambitious plans by national and international organizations, this situation has improved very little over the past 30 years. During the same timeframe, renewable energies have undergone impressive advancements, both in terms of the development of mature technologies and in their economic competitiveness with fossil fuels. This has given rise to new and more economic applications for rural development.

Fees (registration to open in July)

Conference

Participation in all sessions held at AUC, coffee breaks and lunches are included:

Early Bird	150 USD / 1,350 EGP
Student Early Bird	75 USD / 675 EGP
Regular	200 USD / 1,800 EGP
Student	100 USD / 900 EGP
Conference Dinner	300 EGP

Workshops

Participation in two 2-hour workshops organized by experts and company representatives at RISE, AUC New Cairo 250 EGP including lunch, coffee break and barbecue

1 Day Excursion

Non-Students	\$60 / 540 EGP
Students	\$40 / 360 EGP

Exhibition

The conference offers the possibility to showcase conference-related technologies, services and projects on the exhibition space.

4m ²	8m ²	12m ²
400 USD	800 USD	1,000 USD

Each exhibitor will receive one delegate ticket for participation in the conference. Exhibitors will be allocated one page for commercialization in the conference proceedings.

* Exhibitors will be assigned space in the foyer with electric connection. Design and configuration of the stand is the exhibitor's responsibility.



Organized by the Research Institute for a Sustainable Environment (RISE), AUTARCON, SolarInput, Sustainable Concepts, The German University in Cairo and TU Berlin El Gouna



Conference Program

Papers and Posters

Sessions:

1. Implications of rural and urban development agendas for renewable energy and water solutions
2. Sustainable systems for the supply of safe drinking water
3. Village electrification systems based on renewable energy
4. Renewable energies for water pumping, irrigation systems and waste water management
5. Financing models and payment schemes for electricity and water
6. Performance and quality assurance of solar systems and water supply

Please submit a 500 word abstract, indicating the session it belongs to, and stating whether you prefer a paper or poster presentation, by 15th June 2016 to rise@aucegypt.edu. If accepted, a full paper is due 1st September 2016.

Workshops

1. Sustainable drinking water solutions
2. Solar energy basics
3. Solar energy practical
4. Solar pumping practical
5. Renewable energy based greenhouse technologies
6. Sustainable waste water management

Conference Committee

Dr. Hubert Aulich, SolarInput, Germany
Dr. Tina Jaskolski; Dr. Richard Tutwiler, RISE, AUC, Egypt
Dr. Amir R. Ali, GUC, Egypt
Dr. Edward Franklin, University of Arizona, USA
Dr. Florian Bauer; Dr. Carsten Riechelmann, TU Berlin El Gouna, Egypt
Philipp Otter; Alexander Goldmaier, AUTARCON, Germany

Time	<u>Conference</u> October 12	Time	<u>Conference</u> October 13	Time	<u>Workshops</u> October 14		<u>Excursion</u> October 15
8.30-9	Registration	8.30-9	Morning Coffee	9	Workshop Registration	8.15	Meet at RISE
9-9.30	Welcome Addresses	9-10.30	Presentation Session 4	9.30-11.30	Workshop Sessions 1-3	8.30	Departure for Beni Suef
9.30-10.30	Keynote Address	10.30-12.15	Presentation Session 5	12-13	Prayer time	10-12.30	Tour of Koraymat Solar Energy Plant
10.30-12	Coffee Break & Workshop	12.15-13.30	Presentation Session 6	13-13.30	Lunch	12.30-13.30	Lunch in Beni Suef
12.-13.15	Presentation Session 1	13.30-14.30	Lunch	13:30-15:30	Workshop sessions 4-6	14.00-15.30	Visit of Solar Energy Project in Dashour
13.15-14	Lunch and Poster Session	14.30-15.30	Panel Discussion	15:30-16	Coffee Break	16.30	
14-15.30	Presentation Session 2	15.30-17	Poster Session with Drinks and Cake	16-17	Workshop Presentations	18.00	Return to AUC Excursion program to be confirmed by July
15.30-16	Coffee Break			17-18.30	Barbecue		
16-17.30	Presentation Session 3	Logistics Conference sessions at the Conference Center at AUC's New Cairo Campus on Road 90 in Tagamo el Khames. Workshops at the RISE Training Center at AUC's New Cairo Campus.		Links schools.aucegypt.edu/sustainability/rise/solarconference https://www.facebook.com/events/1604823249836369/ Conference registration page: opening in July Email: rise@aucegypt.edu			
18-21	Dinner at AUC						