



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

NOVEMBER 7 – 10, 2018

Following the successful first and second international conference of this series, held at AUC in October 2015 and 2016, RISE will host its third conference in November 2018. The 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.



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.

Current organizers:



Fees

Conference

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

Early Bird	\$85/ EGP 1,500
Student Early Bird	\$35/ EGP 650
Regular	\$115 / EGP 2,000
Student	\$55/ EGP 1,000
Conference Dinner	EGP 200

Workshops

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

One-Day Excursion

Students	\$20 / EGP 350
Non-Students	\$30 / EGP 500

* Early Bird Registration opens in May.

Exhibition

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

4m ²	8m ²	12m ²
EGP 3,000	EGP 6,000	EGP 9,000

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

* Exhibitors will be assigned space in the foyer with electric power 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, German University in Cairo and TU berlin CAMPUS EL GOUNA

Papers and Posters

Sessions

1. International and national problems in energy and water supply for rural areas
2. Renewable energies for sustainable water management: The water energy food nexus
3. Social challenges for sustainable resource management in rural areas
4. Technical innovations in solar energy
5. Business models for renewable energy solutions
6. Technical innovations in solar energy for sustainable water management
7. Technical innovations in water filtration, water recycling and management; Drinking water treatment and water recycling based on solar energy
8. Policy parameters and development goals for renewable energy and water supply
9. International case study examples of community-based solutions for solar and water supply
10. Egyptian case study examples of community-based solutions for solar and water supply
11. Building and construction solutions for the sustainable supply of energy and water
12. Financing models and payment systems for renewable energy solutions and final discussion

Please submit a 500-word abstract, indicating the session it belongs to and stating whether you prefer a paper or poster presentation, by **August 1, 2018** to rise@aucegypt.edu. If accepted, a full paper will be due on **October 18, 2018**.

Workshops (to be announced)

Conference Program

Time	Conference Wednesday, November 7	Time	Conference Thursday, November 8	Time	Workshops Friday, November 9	Time	Excursion Saturday, November 10
8:30	Registration	8:30	Morning Coffee	9:00	Workshop Registration	8:15	Meet at RISE
9:00	Welcome Addresses	9:00	Panel 2	9:30	Workshop Sessions 1 - 3	8:30	Departure
9:30	Keynote Address	10:30	Coffee Break	12:00	Prayer time	10:00	Tour
10:30	Introductory Workshop	11:00	Session 1	13:00	Lunch	13:15	Lunch
12:00	Panel 1	12:00	Session 2	13:30	Workshop sessions 4 - 6	15:00	Project Tour
13:15	Lunch and Poster Session	13:30	Lunch and Poster Session	15:30	Coffee Break	18:00	Return to AUC
14:00	Break Out Sessions	14:30	Session 3	16:00	Workshop Presentations		
16:30	Coffee Break	15:30	Session 4	17:00	Barbecue		
17:00	Networking Session & Poster Break						
18:30	Dinner at AUC						

Locations

- ❖ Conference sessions will be at the AUC New Cairo Conference Center.
- ❖ Workshops will be at the RISE Training Center, AUC New Cairo.
- ❖ **AUC New Cairo**
AUC Avenue
P.O. Box 74
New Cairo 11835
Egypt

Conference Committee

Dr. Hubert Aulich, SolarInput, Germany
 Dr. Tina Jaskolski, Angela Davis, RISE, AUC, Egypt
 Dr. Amir R. Ali, GUC, Egypt
 Dr. Meike Lenzen, TU Berlin CAMPUS EL GOUNA, Egypt
 Philipp Otter; Alexander Goldmaier, AUTARCON, Germany

Links

Website: schools.aucegypt.edu/sustainability/rise/solarconference
 Research Institute for a Sustainable Environment - RISE
 Email: rise@aucegypt.edu
 * **Conference registration page opening in July.**