

FRIDAY 28 AUGUST 2015

09:00

***Projects Presentations
Conclusions***

- Award ceremony: Certificates and Innovation Awards
- An exhibition of RES developments and applications will take place in the Conference Centre.*

Companies and other legal and/or physical speakers are invited to present Innovators, potential designs / products on PV, technologies, solar thermal systems, electronics, data analysis, management systems con-

After lectures free for swimming and other social events.

SPONSORS



Amalthia -Kombatsiari Bros S.A.

MSc in Renewable Energy Systems (R.E.S.)

Technological Educational Institute of Western Greece

1, Meg. Alexandrou, 26334 Patra Greece

Tel.: +30 2610 369099, FaxNo: +30 2610 313770, email: mcsres@teipat.gr

Website: <http://solar-net.teipat.gr>

TECHNOLOGICAL EDUCATIONAL INSTITUTE (T.E.I.) OF WESTERN GREECE

MSc course in RENEWABLE ENERGY SYSTEMS (RES)

with specialization in:

- 1. PV Systems, Wind Energy, Solar Thermal Engineering***
- 2. Zero Energy Buildings, Passive Solar Buildings, Bioclimatic Building***

**INNOVATION WEEK -
SUMMER SCHOOL 2015**

**in
RENEWABLE ENERGY SYSTEMS
(RES)**



23-29 August 2015

Patra

MONDAY 24 AUGUST 2015

- 08: Registration
- 09:00 **Opening Addresses**
Innovation & Intelligent Applications in RES
 Prof. S. Kaplanis, Technological Education Institute of Western Greece.,GR
Discussion
- 10:00 **Developments in PV cell technologies**
 Prof. V. Benda, Technical University Prague, CZ
Discussion
- 10:45 **Innovative techniques and products for the measurement of PV cell DC & AC parameters**
 Prof. D. Cotfas, Transilvania Univeristy in Brasov, RO
Discussion
- 11:30 *Coffee Break*
- 12:00 Session : Innovation and Intelligent Applications in RES
 [Open for candidate lecturers]
- 13:00 Session : Innovation and Intelligent Applications in RES
 [Open for candidate lecturers]
- 14:00 *Light meal*
Session (to be continued)

Note : Projects will be assigned to students to carried out

TUESDAY 25 AUGUST 2015

- 09:00 **Smart Grids and metering in BIPV**
 Prof. P. Borza, Transilvania Univeristy in Brasov, RO
- 09 : 45 Discussion
- 10:00 **An overview of PV ageing assessment and identification techniques**
 Dr. E. Kaplani, Technological Educational Institute of Western
- 10:45 Discussion
- 11:00 *Coffee Break*
- 11:20 **Stochastic PV sizing**
 Dr. E. Kaplani, Technological Educational Institute of Western Greece, GR
- 12: 00 Discussion
- 12:30 Session : PV applications in Agricultural, Domestic & Industrial Sectors .
 Session : open for candidate lecturers
- 14:00 *Light meal*

WEDNESDAY 26 AUGUST 2015

- 09:00 **Intelligent Energy Buildings**
 Prof. S. Kaplanis, Technological Education Institute of Western Greece.,GR
- 09:45 *Discussion*
- 10:00 **Design and operation of small hydro plants**
 G. Panagopoulos, Technological Education Institute of Western Greece.,GR
- 10:45 *Discussion*
- 11:00 *Coffee Break*
- 11.20 Session : Intelligent Energy Buildings and Zero Energy Buildings
- 12:30 Session : open for candidate lecturers
 (please register)
- 14:00 *Light meal*

THURSDAY 27 AUGUST 2015

- 09:00 **DSS cells**
 Prof. E. Stathatos, Technological Education Institute of Western Greece.,GR
- 9:45 Discussion
- 10:00 Session : open for candidate lecturers
- 10: 45 Discussion
- 11:00 *Coffee Break*
- 11:20 *Session : RES Hybrid Systems*
- 12:30 Session : open for candidate lecturers
- 14:00 *Light meal*