

STYRIAN ACADEMY for Sustainable Energies

International Business Training Seminar

<IT Solutions for a +Energy Life Style>

Time: 15 – 16 February 2012
Venue: Seggau Castle, Seggauberg 1, 8430 Leibnitz, Austria
**Scientific Coordinator/
Moderator:** Luigi Crema, Fondazione Bruno Kessler, Italy
Lecturers: Federico Casalegno, MIT – Massachusetts Institute of Technology, United States
Daniele Miorandi, CREATE-NET, Italy
Pablo Viejo García, EIFER – European Institute of Energy, Germany
Nikos Hatziargyriou, National Technical University of Athens, Greece
Carlos Alvarez Pereira, Fundacion INNAXIS, Spain
Host: Rector Harald Kainz, Graz University of Technology, Austria

<PROGRAM>

DAY 1 WEDNESDAY, 15 FEBRUARY 2012

08:00 – 08:30 Registration

Morning Session

08:30 – 09:00 Welcome by Vice Rector for Research Horst Bischof, TU Graz

09:00 – 11:00 OPEN FISHBOWL

11:00 – 11:30 Coffee Break

11:30 – 12:00 Input Pablo Viejo García, EIFER – European Institute of Energy, Germany: ‘IT challenges for the Energy Systems of the Future: Complex, Distributed and Hierarchical Systems thinking’

12:00 – 13:00 Individual Reflection (Group Work)

13:00 – 14:00 Lunch Break

Afternoon Session

14:00 – 14:30 Input Carlos Alvarez Pereira, Fundacion INNAXIS, Spain: ‘A holistic view of long-term sustainability. Considerations on the global challenge of our time’

14:30 – 15:30 Individual Reflection (Group Work)

15:30 – 16:00 Coffee Break

16:00 – 16:30 Input Nikos Hatziargyriou, National University of Athens, Greece: 'ICT for Active Customer Management'

16:30 – 17:30 Individual Reflection (Group Work)

19:00 – 22:00 Evening Reception <Fireside Chat>

Opening: Vice Rector for Research Horst Bischof, TU Graz, Austria

Keynote speech: Federico Casalegno, MIT – Massachusetts Institute of Technology, United States

Panel Discussion: Nikos Hatziargyriou, Carlos Alvarez Pereira, Pablo Viejo García, Daniele Miorandi

DAY 2 THURSDAY, 16 FEBRUARY 2012

Morning Session

09:00 – 09:30 Input Federico Casalegno, MIT – Massachusetts Institute of Technology, United States: 'Designing a Connected Sustainable Home'

09:30 – 10:30 Individual Reflection (Group Work)

10:30 – 11:00 Coffee Break

11:00 – 11:30 Input Daniele Miorandi, CREATE-NET, Italy: 'Why math (and data) matters: models for a +Energy Life Style'

11:30 – 12:30 Individual Reflection (Group Work): Towards energy data analytics: problems, solutions & business opportunities

12:30 – 13:30 Lunch Break

Afternoon Session

13:30 – 15:30 Knowledge-Café: Group work according to three main challenges identified by the coordinator.

Coffee will be served at the Knowledge-Café

15:30 – 16:30 Group Discussion

16:30 – 17:00 Summary and outlook by Vice Rector for Research Horst Bischof, TU Graz