

WEDNESDAY 9TH DECEMBER

TECSOL / ENERPLAN ■

02.30 – 05.30

Room Gaïa



2nd National Solar Thermal Heating and Cooling meeting

The development of heating and cooling from renewable is now one of the major energetical challenges in France for the next years. Solar energy will play an important role and the heating and cooling sector will present with ENERPLAN a status of the sector situation in 2009. It will present and debate on the challenges to face for the development of the technology. A presentation of the "Emergence" program status based on quality and high performance level of the future installations will be done.

Speaker:

Valérie Laplagne, ENERPLAN

THURSDAY 10TH DECEMBER

Association Méthéor ■



09.00am – 06.00pm

Le Corum

5th General Assembly on Methanisation: 'Mobilisation stimulated by climate change'

METHEOR, an association which brings together companies and local authorities concerned by the methanisation of household waste, organises an annual congress entitled: International Conference on Methanisation

This year, the association's plenary session will be held on Thursday 10th December in Montpellier and will have the following theme: "Mobilisation relative to climate change and the industrial practices to be deployed"

A review of progress made concerning the agronomic use of compost from recycling and energy applications for biogas in France and Europe.

Application of the Grenelle 1 round table on methanisation. Expectations and proposals for Grenelle 2.

Mobilisation relative to climate change on an international, European and French scale: the required initiatives.

FRIDAY 11TH DECEMBER

Institut d'Electronique du Sud / Université Montpellier 2 / CNRS ■



09.30am – 06.00pm

Room Eole

Metrology and Renewable Energies Workshop: what are the challenges facing metrology with regards to energy and the specific requirements related to renewable energies?

Within the framework of the development of renewable energies, the objective of this workshop is to bring together energy specialists who have identified requirements in the field of metrology, sensor specialists and also experts in measurement systems in order to define working hypotheses aimed at developing significant new directions in the sector of metrology applied to energy management.

There are many needs arising in the metrology sector, some examples include:

- Sensors for intelligent buildings
- Sensors for optimising energy consumption in information storage centres
- Systems surveillance: heat pumps, electric machines, heat exchangers...
- Measurement of the energy status for fluid mechanics
- Understanding speed fields in two speed flow configurations (heat transfer of ice slurry)
- Mapping current densities in heat pumps
- Hygrometry status in heat pumps

This workshop is not targeting an exhaustive solution to each question raised, but rather an identification of certain limits and any new ideas and innovations that contribute to optimising energy consumption.