



*SFERA Networking*

**SUMMER SCHOOL 2010**

**CNRS-PROMES Font Romeu –  
Odeillo, France**

**10<sup>th</sup> – 12<sup>th</sup> June 2010**

Topic of the 1<sup>st</sup> SFERA Summer School:

## **Radiation in Solar Systems**

### **Content**

1. **Solar resource: Robert Pitz-Paal** (DLR, Germany)
2. **Physics of radiation : Richard Fournier** (Université Paul Sabatier – Toulouse, France) and **Mouna Elhafi** (Ecole des Mines – Albi, France)
3. **Radiation heat transfer (1): Numerical method - Cyril Caliot** (PROMES-CNRS, France)
4. **Optics of solar concentrators: Akiba Segal** (WIS, Israel)
5. **Metrology of radiation: optical pyrometry - Daniel Hernandez** (PROMES-CNRS, France)
6. **Radiation heat transfer (2): Case study: Gilles Maag and Sophie Haussener** (ETH, Switzerland)

**Schedule** (20 min break in the middle of the 3h session)

	9:00 – 12:00	12:00 – 13:30 or 14:00		14:00 – 17:00	17:00 or 17h30-18:00	18:00 - 19:30
<b>Thursday 10</b>	Solar resource	Lunch		Physics of radiation	Break	Case study 1
<b>Friday 11</b>	Numerical method	Lunch	Visit	Optics of solar concentrators	Break	Case study 2
<b>Saturday 12</b>	Metrology of radiation					

**Solar Furnace Visit** on Friday 11 – From 13.30 to 14.30

### Additional information

No participation fees

Contribution: 30€ for lunches and coffee breaks to be paid on the premises (no credit card accepted – cheques authorized for French participants)