Concept Paper Workshop
Solar Heating and Cooling

Tuesday, April 29, 2014, 9:00-16:30
Fraunhofer Institute for Solar Energy Systems ISE
Heidenhofstr. 2, R-410
Freiburg, Germany

Agenda

9:00  Welcome (Dr. Michael Köhl, Fraunhofer ISE)

   Introduction of attendees

   Short introduction of the International Energy Agency (IEA) and its Solar Heating and Cooling Programme (SHC)

   Presentation of suggested topics:

   I  Multifunctional façades for retrofitting

      - Integration into central heating system, PV-powered heat-pumps

      - Facades thermally coupled to the adjacent rooms

      - Prefabrication possibilities

      - Building integration and regulations

   II  Cost reduction with polymeric collectors

      - Develop conceptual designs and perform feasibility studies.

      - Develop system models for optimization, simulation, and understanding of field data.

      - Thermosiphon as well as pumped collectors

   III  Standardization of controllers for building energy management

      - Interfaces for solarthermal collectors

      - Short term storage management

10:30  Coffee break
11:00  Presentation of ideas and potential contributions from attendees

Collection of ideas and grouping (for topic I, II or III) depending on available expertise and interest

Selection of Activity leaders

Lunch break

13:00  Draft of concept paper(s) in topic-oriented groups

16:30  Wrap up, date for 2nd task definition meeting

end of meeting

Welcome and get-together

Fraunhofer ISE will arrange a get-together on Monday, April 28, 2014 at 19:00. Place and directions tba.

Accommodation in Freiburg

Hotel Stadt Freiburg¹  http://www.hotel-stadt-freiburg.de
Park Hotel Post³  http://www.park-hotel-post.de/de/

¹ Close to Fraunhofer ISE and workshop venue (approx. 20 mins from the city center), with special rates for ISE guests. Please indicate your connection to Fraunhofer ISE upon booking.

² Opposite Freiburg main station, close to city center (approx. 20 mins to Fraunhofer ISE)

³ Next to Freiburg main station, in the city center (approx. 20 mins to Fraunhofer ISE)