

**Tuesday, April 29, 2014, 9:00-16:30**

**Fraunhofer Institute for Solar Energy Systems ISE  
Heidenhofstr. 2, R-410  
Freiburg, Germany**

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## 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 2<sup>nd</sup> 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

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Hotel Stadt Freiburg<sup>1</sup> <http://www.hotel-stadt-freiburg.de>

Novotel Freiburg<sup>2</sup> <http://www.novotel.com/de/hotel-5383-novotel-freiburg-am-konzerthaus/index.shtml>

Park Hotel Post<sup>3</sup> <http://www.park-hotel-post.de/de/>

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<sup>1</sup> 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.

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

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