

Standard room is W1 0 015 (unless otherwise expressively stated).  
Other locations are the CIP Cluster (Computer Room), the Energy Laboratory and the Cafeteria for Lunch Break.

## Sunday August 27th

Arrival of the participants

Till 20:00

Welcome and Hotel Check In. Informal Get Together at Hotel

## Monday August 28th

08:00 Registration at University of Oldenburg / Wechloy Campus

09:00 *Inauguration:*

### Address of Welcome I

Prof. Dr. Uwe Schneidewind, President Carl von Ossietzky University of Oldenburg

### Address of Welcome II

Dipl. Phys. Michael Golba M.A., Managing Director Postgraduate Programme Renewable Energy (PPRE)

10:00 **Coffee Break**

10:15 *Keynote Lecture I:*

### Photovoltaics - Technology and Application - a Report on the State of Art

Dr. Hansjörg Gabler, Head of Department "Photovoltaics" Center for Solar Energy and Hydrogen Research, ZSW Stuttgart

11:00 *Keynote Lecture II:*

### PV Applications in Developing Countries: Issues and Challenges

Binu Parthan MSc., Deputy Director - Programme Coordination REEEP – Renewable Energy and Energy Efficiency Partnership, Int Sec. Vienna

11:45 **Lunch Break**

### Session 1: Systems Analysis and Simulation, Part 1 Chair: N.N.

13:15 *Introductory Lecture:*

### Solar Energy Meteorology

Dr. Detlev Heinemann, Head of Working Group "Energy Meteorology" Carl von Ossietzky University of Oldenburg

14:45 **Coffee Break**

15:30 *Lecture:*

### Solar Resource Information

Dr. Elke Lorenz, Senior Researcher – Energy Meteorology Carl von Ossietzky University of Oldenburg

17:00 *Introductory Lecture:*

### PV System Analysis and Performance I

Prof. Dr. Hans Georg Beyer, Institute of Electronics University of Applied Science, Magdeburg - Stendal"

18:30 **Evening Break**

Barbecue / Get-Together at the Energy Laboratory

## Tuesday August 29th

### Session 1: Systems Analysis and Simulation, Part 2 Chair: N.N.

08:00 *Lecture:*

### Demonstration of the Simulation tools, distribution of tasks

Prof. Dr. Hans Georg Beyer, Institute of Electronics University of Applied Science, Magdeburg - Stendal

09:00 *Hands-On Seminar, CIP Cluster*

### Simulation I

Prof. Dr. Hans Georg Beyer, Institute of Electronics University of Applied Science, Magdeburg - Stendal

11:45 **Lunch Break**

13:15 *Hands-On Seminar, CIP Cluster*

### Simulation II

Prof. Dr. Hans Georg Beyer, Institute of Electronics University of Applied Science, Magdeburg - Stendal

14,45 **Coffee Break**

15:30 *Hands-On Seminar, CIP Cluster*

### Simulation III

Prof. Dr. Hans Georg Beyer, Institute of Electronics University of Applied Science, Magdeburg - Stendal

17:00 *Lecture*

### Satellite Based Monitoring of PV Systems

Dr. Elke Lorenz, Senior Researcher – Energy Meteorology Carl von Ossietzky University of Oldenburg

18:30 **Evening Break**

## Wednesday August 30th

8:00- *Excursion:*

### Institute for Solar Energy Research (ISHF / Hameln)

20:00 *Open Discussion: Aspects of Career development Capacity*

### Building and Networking Against the Background of the Emerging RE Market

with initial statements from James C. Wafula and Sebastian Sancho; *Moderation: Michael Golba (UNI Oldenburg, PPRE)*

## Thursday August 31th

### Session 2: Material Science Research Chair: Dr. Elizabeth von Hauff (UNI Oldenburg, PPRE) / N.N.

08:00 *Lecture:*

### Heterogeneous Thin Film Solar Cells

Dr. Rudi Brüggemann, Senior Researcher, Working Group GRECO Carl von Ossietzky University of Oldenburg, Germany

10:00 **Coffee Break**

10:15 *Hands-On Seminar, Room: CIP Cluster*

### Simulation Programmes

Dr. Rudi Brüggemann, Senior Researcher, Working Group GRECO Carl von Ossietzky University of Oldenburg, Germany

11:45 **Lunch Break**

13:15 *Lecture:*

### Organic Solar Cells – New Concepts

Dr. Carsten Deibel, Senior Researcher; Working Group Energy Research University of Wuerzburg, Germany

14,45 **Coffee Break**

15:30 *Lecture:*

### Numerical and Experimental Photoluminescence Studies of a-Si:H/c-Si Heterodiodes

Ibrahim (Shafi) Mohtad, Researcher Bangladesh Power Development Board

16:00 *Lecture:*

### Fast Deposition of Highly Crystallized Microcrystalline Silicon Film Using Microwave Plasma for Thin Film Solar Cells

Jhantu Kumar Saha, PhD Scholar Saitama University, Japan

16:30 *Lecture:*

### Production and Characterization of CdS/CdTe Thin Film Photovoltaic Solar Cells of Potential Industrial Use

Dr. Feras Afaneh, Professor of Physics Hashemite University, Jordan

17:00 *Lecture:*

### Material Science Research Oriented Towards PV

(Heterogeneous Thin Film Solar Cells, Organic Solar Cells) Mohammed Shahriar Chowdhury, Assistant Engineer Bangladesh Power Development Board

17:30 **Coffee Break**

### Session 3: Systems Research towards PV applications, Part 1 Chair: Dr. Konrad Blum (UNI Oldenburg, PPRE)"

17:45 *Lecture:*

### Solar and Wind Energy Meteorology in Eritrea

Bereket Negash, Consultant Renewable Energy, Eritrea Debesai Gebrehiwot, Ministry of Energy & Mines, Eritrea

18:15 *Lecture:*

### Solar PV for Remote Rural Electrification in Ghana

Wisdom Ahiataku-Togobo Ministry of Energy; Ghana

18:45 *Evening Break*

## Friday September 01st

### Session 3: Systems Research towards PV applications, Part 2 Chair: Dr. Konrad Blum (UNI Oldenburg, PPRE)"

08:00 *Lecture:*

### Hydrogen and Fuel Cells Technology

Dr. Robert Steinberger-Wilkens, Head of Working Group „Fuel Cell“ Research Centre Jülich

09:25 **Coffee Break**

