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 Lunch Break
11:15 Session 1: Systems Analysis and Simulation, Part 1
Chair: N.N.

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

08:00 Excursion:
Institute for Solar Energy Research (ISHF / Hameln)
17:00 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 Ahiaatuku-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-Wilkening, Head of Working Group „Fuel Cell“ Research Centre Jülich
09:25 Coffee Break
09:40  Lecture:  
Cute: Clean Urban Transport with Hydrogen and Fuel Cells  
Dipl. Phys. Klaus Stolzenburg, Senior Researcher and CEO  
PLANET GbR, Oldenburg

10:25  Seminar with demonstrations, Energy Laboratory  
HyWindBalance - Pilot Plant Electrolyser and Fuel Cells  
Dipl. Ing. Hans Holotr, Dipl. Ing. Torsten Bröer, Energy and  
Semiconductor Research Carl von Ossietzky University of  
Oldenburg

12:00 Lunch Break

13:15 Seminar with Demonstration, Energy Laboratory  
Safety of Hydrogen Systems  
N.N., Linde Inc.

13:45 Lecture:  
Techno-economy Optimization of PV-Diesel Hybrid /  
Stand-alone Systems for Remote Area Power Supply  
Based on Empirical Analysis for Indonesia  
Chayun Budino, Director Gerbang Multindu Nusantara PT,  
Indonesia

14:15 Lecture:  
An Integrated PV-Diesel Hybrid Water and Power Supply  
System  
Dr. Ali Al – Alawi, Sultan Qaboos University; Sultanate of  
Oman

14:45 Coffee Break

15:00 Performance Optimization of Solar PV Water Pumping  
and Lighting Systems to Meet School’s Power  
Requirements: A Case Study of Viveka Tribal School at  
Hosahally Village, Karnataka State - India.  
Sham Sundar Subbarao The National Institute of  
Engineering – Mysore, India

15:30 Lecture:  
Standalone PV systems for small scale income  
generating activities in off-grid areas of developing  
countries  
Mzumbe Musa; UNDP / GEF, Tanzania

16:00 Lecture:  
Barrier Removal to Secure PV Market Penetration in  
Semi Urban Sudan  
Mohamed Ali Hamid, Project Manager; Photovoltaic  
Systems, Sudan

16:30 Coffee Break

16:45 Lecture:  
Renewable Energies in Rural Areas in Yunnan Province  
China  
Qiying Hu, China

17:15 Lecture:  
Potential of Development of PV for Electricity Access for  
Rural Areas  
Ky Hong Tran, World Bank Vietnam

17:45 Lecture:  
Case Study on Experiences of Solar Energy in Rural  
Livelihoods Transformation in Tanzania / The Role of  
Modern Energy in Rural Transformation of Tanzanian  
Communities  
Finias Bryceson Magessa; TaTEDO Dar es Salaam, Tanzania

18:15 Lecture:  
Santa Cruz Gardens: An Environmentally Friendly, PV  
Energy Independent - Grid Connected Urban Development  
Housing in the Galapagos Islands of Ecuador  
Santiago Sanchez Minio, General Manager; EnerPro Cia Ltda.  
/ Ministry of Energy and Mines, Ecuador

18:45 Closing Session  
Open Discussion  
All Participants Moderation: Michael Golba (UNI Oldenburg, PPRE)

19:00 Evening Break

Saturday September 02nd

07:30 Excursion:  
Q-Cells (Manufacturer of Solar Cells) Thalheim  
Continuation of the Journey and Arrival at Dresden /  
Freiberg

12:00 Lunch Break

13:15 Seminar with Demonstration, Energy Laboratory  
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N.N., Linde Inc.

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2006

University of Oldenburg, Germany

28.8. – 2.9.2006