

DAAD Alumni Summerschool "Applied Solar Technology in Developing Countries"  
 May 30<sup>th</sup> – June 7<sup>th</sup> 2011 in Witzenhausen, Germany  
 Visit to the world's leading solar trade fair "Intersolar Europe 2011"  
 and the International Conference on Solar Technology and Engineering  
 June 8<sup>th</sup> – 10<sup>th</sup> 2010 in Munich, Germany

<b>Monday, 30.05.2011 / Arrival</b>		
18:00 – 20:00	Arrival of participants Check-in to accommodation Dinner (DEULA)	Dipl. Biol. Christina Ripken Organisational Team
<b>Tuesday, 31.05. 2011 / Welcome and Introduction</b>		
07:30 – 08:30	Breakfast (at the hostel)	
09:00 – 10:30	Welcome, registration and introduction of participants Organisational matters, logistics Introduction to the programme	Prof. Dr. Oliver Hensel Dipl. Biol. Christina Ripken
10:30 - 11:00	Coffee break	
11:00 - 12:00	Solar technology with emphasis on practical application (theoretical lecture)	Prof. Dr. Oliver Hensel
12:00 - 13:00	Guided tour of the university campus and facilities	Dipl. Biol. Christina Ripken Organisational Team
13:00 - 14:00	Welcome / reception by the mayor of Witzenhausen	Mayor Angela Fischer
14:00 - 15:00	Lunch (Mensa)	
15:00 -- 16:30	Current state and perspectives of solar technology and ist application in the participants' home countries (participants presentations)	Alumni Prof. Dr. Oliver Hensel
16:30 - 17:00	Coffee break	
17:00 -- 18:30	Current state and perspectives of solar technology and ist application in the participants' home countries (participants presentations)	Alumni Prof. Dr. Oliver Hensel
18:30 – 20:00	Dinner (DEULA)	
<b>Wednesday, 01.06. 2011 / Excursion to Bioengery Villiage Jühnde and SMA</b>		
07:30 – 08:30	Breakfast (at the hosel)	
08:30	Departure (bus) to Jühnde	
9:00 - 12:00	Guided tour of Bioenergy Villiage Jühnde	Prof. Dr. Oliver Hensel Organisational Team
12:00 - 14:00	Bus transfer to SMA, lunch on the way	
14:00 - 16:00	Guided tour of SMA - Solar Technology AG	
16:00 - 18:00	Bus Transfer to Witzenhausen	
18:30 – 19:30	Dinner (DEULA)	
<b>Thursday, 02.06. 2011 / Solar appliances for small scale agriculture and food processing</b>		
07:30 – 08:30	Breakfast (at the hostel)	
09:00 - 10:30	Solar thermal units (introduction and demonstration)	Prof. Dr. Oliver Hensel Staff
10:30 - 11:00	Coffee break	
11:00 - 13:00	High temperature applications in solar based post-harvest technology and food processing(lesson and practical)	Ing. Anjum Munir
13:00 - 14:30	Lunch (cooking on solar heater)	
14:30 - 16:30	Solar food processing part 1 (lecture and discussion)	Heike Hoedt Wolfgang Scheffler
16:30 - 17:00	Coffee break	
17:00 - 18:30	Solar food processing part 2 (lecture and discussion)	Dipl. Päd. Rolf Behringer
19:00	Guided candlelight tour of the Tropical Greenhouse and Botanical Garden of the University of Kassel at Witzenhausen Dinner buffet in the Tropical Greenhouse	Dipl. Ing. agr. M.A. Marina. Hethke

<b>Friday, 03.06. 2011 / Solar pumping, solar heat and storing solar energy</b>		
07:30 - 08:30	Breakfast (at the hostel)	
09:00 – 10:00	Solar drying of agricultural products (theoretical lecture)	Prof. Dr. Oliver Hensel
10:00 - 10:30	Quality aspects in solar drying	Prof. Dr. Oliver Hensel Staff
10:30 - 11:00	Coffee break	
11:00 - 13:00	Drying of tropical fruits and vegetables	Dr.-Ing Albert Esper
13:00 - 14:30	Lunch (Mensa)	
14:30 - 15:15	Practical use of solar dryers, measurement and data collection	Prof. Dr. Oliver Hensel Staff
15:15 - 16:30	Storage of solar energy	Dipl.-Ing. Roland Heinzen
16:30 - 17:00	Coffee break	
17:00 - 18:30	Design of solar dryers	Prof. Dr. Oliver Hensel Staff
18:30 – 19:30	Dinner (DEULA)	
<b>Saturday, 04.06. 2011 / Sight-seeing and shopping in Kassel</b>		
07:30 - 08:30	Breakfast (at the hostel)	
10:30	Departure (train) to Kassel	Organisational Team
11:30 - 13:00	Shopping tour	
13:00 - 14:00	Lunch (in Kassel)	
14:00 - 15:00	Guided tour of the university campus Holländischer Platz	
15:00 - 17:00	„Wasserspiele Schlosspark“ Kassel Wilhelmshöhe Visit to the illuminated fountains of the palace gardens	
17:00	Transfer (train) to Witzenhausen	
18:30 – 19:30	Dinner (DEULA)	
<b>Sunday, 05.06. 2011 / Excursion to K+S KALI GmbH demonstration mine Merkers (Grube Merkers)</b>		
06:30 - 07:30	Breakfast (at the hostel)	
07:30	Departure (bus) to Merkers	
09:30 - 12:30	Visit of the Merkers Demonstration Mine (Grube Merkers) K+S KALI GmbH Zufahrtstr. 1, 36460 Merkers	Prof. Dr. Oliver Hensel Organisational Team
13:00 - 15:00	Transfer in den Nationalpark Hainich (Lunch pack on the way)	
15:00 - 17:00	Hainich Tree Top Walk (Baumkronenpfad)	
19:00 – 20:00	Dinner (DEULA)	
<b>Monday, 06.06. 2011</b>		
07:30 - 08:30	Breakfast (at the hostel)	
09:00 – 11:00	Solar pumping of water (lesson with practical work and coffee break)	Dipl.-Ing C. Schellert
13:00 – 14:00	Lunch (Mensa)	
14:00 – 14:30	Photovoltaic in rural electrification (case study)	PD Dr. Brigitte. Kaufmann Prof. Dr. Oliver Hensel
14:30 – 17:00	Solar water disinfection (lesson with practical) including Coffee Break	Dipl.-Ing. Alexander Goldmaier
17:00 – 18:00	Closing remarks, discussion	All
18:30 – 19:30	Dinner (DEULA)	
20:00	Intercultural Evening (Am Sande)	Alumni
<b>Tuesday, 07.06. 2011</b>		
06:00 - 07:00	Breakfast (at the hostel) and check out	
07:00	Departure (bus) to Munich	Dipl. Biol. Christina Ripken
14:00	Arrival Munich and check in at Ibis Hotel City West and DAAD	
	Visit of Intersolar Europe with DAAD Program	

Version: May 5, 2011