

Schedule of the European Summer School on Photovoltaics and New Concepts of Quantum Solar Energy Conversion 2008

	Sunday 14.9.	Monday 15.9.	Tuesday 16.9.	Wednesday 17.9.	Thursday 18.9.	Friday 19.9.	Saturday 20.9.	Sunday 21.9.	
7 ³⁰ - 8 ⁰⁰		Breakfast	Breakfast	Breakfast	Breakfast	Breakfast	Breakfast	Breakfast	
8 ⁰⁰ - 8 ³⁰		Klaus Lips: <i>Welcome Remarks</i>							
8 ³⁰ - 9 ³⁰		Student Talks 1	Laurie Peter: <i>Dye -sensitized solar cells - I</i>	Tom Markvart: <i>Introduction to photovoltaic concentrators</i>	Thomas Dittrich: <i>Solar cells with extremely thin absorber</i>	Thomas Dittrich: <i>Properties of Chalcopyrites and CdTe</i>	Kees Hummelen: <i>Plastic PV - III</i>	Departure	
9 ³⁰ - 9 ⁴⁰		Short Break	Short Break	Short Break	Short Break	Short Break	Short Break		
9 ⁴⁰ - 10 ⁴⁰		Student Talks 2	Peter Würfel: <i>Generation and recombination of electrons and holes</i>	Daniel Vanmaekelbergh: <i>Nanocrystalline semiconductor quantum dots - I</i>	Rolf Stangl: <i>Practical session II - simulation of silicon solar cells</i>	Thomas Dittrich: <i>Chalcopyrite and CdTe solar cells</i>	Klaus Lips: <i>Properties of amorphous and microcrystalline silicon</i>		
10 ⁴⁰ - 11 ⁰⁰			Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break		Coffee Break
11 ⁰⁰ - 12 ⁰⁰		Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break		
12 ⁰⁰ - 12 ¹⁰		12 ⁰⁰ - 13 ⁰⁰	Tom Markvart: <i>Energy in an industrial society</i>	Gion Calzaferri: <i>Mimicking the Antenna System of Green Plants- II</i>	Thomas Hannappel: <i>Special Analytics - I</i>	Outdoor Discussions	Kees Hummelen: <i>Plastic PV - I</i>		Klaus Lips: <i>Thin-film silicon solar cells</i>
			Short Break	Short Break	Short Break		Short Break		Short Break
			Peter Würfel: <i>Basics of photovoltaic energy conversion</i>	Rolf Stangl: <i>Principles of solar cell simulation</i>	Klaus Lips: <i>Crystalline silicon solar cells</i>		Kees Hummelen: <i>Plastic PV - II</i>		Daniel Vanmaekelbergh: <i>A critical review on multi-exciton generation in 3rd generation solar cells</i>
13 ⁰⁰ - 15 ³⁰	Arrival and Registration	Lunch and Individual Discussion	Lunch and Individual Discussion	Lunch and Individual Discussion		Lunch and Individual Discussion	Lunch and Individual Discussion		
15 ³⁰ - 16 ⁰⁰		Coffee and Cake	Coffee and Cake	Coffee and Cake		Coffee and Cake	Coffee and Cake		
16 ⁰⁰ - 17 ⁰⁰		Laurie Peter: <i>Fundamentals of Photoelectrochemistry</i>	Thomas Hannappel: <i>High efficiency solar cells</i>	Laurie Peter: <i>Dye -sensitized solar cells - II</i>		Daniel Vanmaekelbergh: <i>Nanocrystalline semiconductor quantum dots - II</i>	Peter Würfel: <i>Driving forces for charge currents in solar cells</i>		
17 ⁰⁰ - 17 ¹⁰		Short Break	Short Break	Short Break		Short Break	Short Break		

17 ¹⁰ – 18 ¹⁰	Champagne Reception	Tom Markvart: <i>Solar radiation as an energy source</i>	Tom Markvart: <i>Photovoltaic systems</i>	Tom Markvart: <i>Thermodynamic limits to concentration</i>		Daniel Vanmaekelbergh: <i>Third-generation principles related to nanostructured semiconductors</i>	Klaus Lips: <i>Special Analytics - II</i>
18 ¹⁰ – 19 ³⁰	Dinner	Dinner	Dinner	Dinner	Dinner	Dinner	Dinner
19 ³⁰ – 20 ³⁰	Welcome Party	Gion Calzaferri: <i>Mimicking the Antenna System of Green Plants- I</i>	Peter Würfel: <i>Advanced concepts for improved efficiencies</i>	Rolf Stangl: <i>Practical session I – simulation of pn and pin junctions</i>	Individual Discussion	Rolf Stangl: <i>Practical session III – simulation of heterojunction solar cells and influence of electric field</i>	Goodbye Party
20 ³⁰ – 24 ⁰⁰		Individual Discussion	Individual Discussion	Individual Discussion		Individual Discussion	