

date	time	topic	speaker	title	chair
Wednesday, 10.12.					
	08:00	registration			
	08:45	Welcome	Prorektor Michael Farle	<i>Welcome</i>	Winterer
	09:00	invited lecture	Jochen Feldmann (LMU München)	<i>Semiconductor Nanocrystals as Building Blocks in Hybrid Nanosystems</i>	Bacher
	09:45	coffee break			
	10:15	invited lecture	Jörg Amelung (IPMS Dresden)	<i>Large area OLED lighting and organic solar cell fabrication</i>	Winterer
	11:00	short oral contribution	Ludger Weisser (Atomic Force Mannheim)	<i>Advanced Local Probe Techniques for Electro-Optical Characterization</i>	Winterer
	11:20	short oral contribution	Peter Gnauck (Zeiss Oberkochen)	<i>CrossBeam: A tool for high resolution investigation of Nanostructures</i>	Winterer
	11:40	lunch break			
	13:00	invited lecture	Oliver Hayden (Siemens Erlangen)	<i>Near-Infrared Imaging with Quantum Dot Sensitized Organic Photodiodes</i>	Wolf
	13:45	invited lecture	Juan Carlos Cuevas (U Madrid)	<i>Electronic and thermal transport in single-molecule junctions</i>	Wolf
	14:30	coffee break			
	15:00	invited lecture	Konstantin Efetov (U Bochum)	<i>Coulomb blockade and transport in granular metals</i>	Entel
	15:45	short oral contribution	Matias Zilly (U Duisburg-Essen)	<i>Statistical model for the effects of dephasing on transport properties of large samples</i>	Entel
	16:05	short oral contribution	Sanjeev Kumar Nayak (U Duisburg-Essen)	<i>Theoretical perspective of magnetism in Co doped ZnO</i>	Entel
	16:25	invited lecture	Dietmar Borchert (Fraunhofer ISE Gelsenkirchen)	<i>Thin films used in solar cell technology</i>	Entel
	17:10 - 19:00	poster session / snack			

date	time	topic	speaker	title	chair	
Thursday, 11.12.						
	08:00	registration				
	08:45	invited lecture	Mark Swihart (U Buffalo)	<i>Photoluminescent Silicon Nanocrystals: Aerosol Synthesis, Functionalization, and Applications</i>	Schmichel	
	09:30	coffee break				
	10:00	invited lecture	Wayne Gladfelter (U Minnesota)	<i>Synthesis, Characterization and Surfactant Bonding of Monodispersed Zinc Oxide Nanocrystals</i>	Schmichel	
	10:45	oral contribution	Norman Mechau (FZ Karlsruhe)	<i>Effect of the interface roughness on the performance of nanoparticulate Zinc Oxide FETs</i>	Schmichel	
	11:30	short oral contribution	Simon Bubel (FZ Karlsruhe)	<i>Changes in FET Mobility Due to the Amount of Stabilizer in Nanoparticulate ZnO Transistors</i>	Schmichel	
	11:50	lunch break				
	13:00	informal labtours to be arranged individually				
	14:30	invited lecture	Lubomir Spanhel (U Rennes)	<i>Sol-Gel Derived $Zn_xTi_yO_z$ Nanostructures for Solar and Photonic Technologies</i>	Tegude	
	15:15	short oral contribution	Ruzica Djenadic (U Duisburg-Essen)	<i>Chemical Vapor Synthesis and Characterization of Co-doped ZnO nanoparticles</i>	Tegude	
	15:35	short oral contribution	Moazzam Ali (U Duisburg-Essen)	<i>ZnO nanocrystals in solid phase: Surprisingly alive</i>	Tegude	
	15:55	coffee break				
	16:30	invited lecture	Uwe Rau (FZ Jülich)	<i>Perspectives of nano-technology in photovoltaics</i>	Jäger	
	17:15	short oral contribution	Anoop Gupta (U Duisburg-Essen)	<i>Influence of etching and surface functionalization on the visible photoluminescence of Si-NCs</i>	Jäger	
	17:35	short oral contribution	Vinit Sharma (Agrawal College)	<i>Unusual electronic properties of InN</i>	Jäger	
	17:55 - 19:30	poster session / snack				

date	time	topic	speaker	title	chair	
Friday, 12.12.						
	08:00	registration				
	08:45	invited lecture	Zahid Durrani (Imperial College London)	<i>Electron conduction and charging effects in silicon nanocrystals</i>	Lorke	
	09:30	coffee break				
	10:00	invited lecture	Shunri Oda (Tokyo Institute of Technology)	<i>Electron transport and photonic properties of Si nanocrystals prepared by VHF plasma processes</i>	Lorke	
	10:45	invited lecture	Hartmut Wiggers (U Duisburg-Essen)	<i>Functional structures based on semiconducting silicon nanoparticles</i>	Lorke	
	11:30	lunch break				
	12:45	invited lecture	Knut Deppert (U Lund)	<i>Aerosol nanoparticle for the creation of innovative nanostructures</i>	Wiggers	
	13:30	invited lecture	Bernd Günther (Fraunhofer IFAM Bremen)	<i>Nanoparticle Synthesis by Sputtering Methods</i>	Wiggers	
	14:15	coffee break				
	14:45	invited lecture	Wolfgang Peukert (U Erlangen-Nürnberg)	<i>Linear and non-linear optical analysis of early stages of particle formation: a case study for ZnO</i>	Kümmell	
	15:30	invited lecture	Andreas Klein (TU Darmstadt)	<i>Electronic Surface and Interface Properties of TCOs</i>	Kümmell	
	16:15	short oral contribution	Libo Ma (FSU Jena)	<i>Photoluminescence study of Si_xGe_{1-x} nanocrystals fabricated by laser-induced pyrolysis</i>	Kümmell	
	16:35	coffee break				
	17:05	invited lecture	Tilmar Kümmell (U Duisburg-Essen)	<i>All-inorganic light emitting devices based on ZnO nanoparticles with UV and white emission</i>	Prost	
	17:50	invited lecture	Klaus Attenkofer (Argonne NL)	<i>Dynamics of dye/nano particle systems</i>	Prost	
	18:35	transfer to and dinner at Faktorei Duisburg (19:00 - open end)				