Karlsruher Institut für Technologie

DFG-Center for Functional Nanostructures

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Summmer School 'Molecular Nanostructures'
3.-6.9.2011
Haus der Kirche - Evangelische Akademie Baden
Dobler Str. 51
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Agenda

Friday, 2.9.2011		
	all day	arrival and check-in
	18:00	informal get-together and light snack
Saturday, 3.9.2011		
	8:00	breakfast
until	9:00	registration; check-in
	9:45	welcome and general information
	10:00	Prof. Geoffrey Ozing
	11:30	Prof. Hansjörg Grützmacher
	13:00	lunch
	14:30	**Single-Molecule Spectroscopy Meets DNA Origami** Prof. Philip Tinnefeld
	16:00	break
	16:30	**Photon upconversion in bioanalytical assays** Prof. Tero Soukka
	18:00	end of class
	18:30	dinner
Sunday, 4.9.2011		
	8:00	breakfast
	9:00	**Atomistic modeling of light-harvesting complexes: dissipation, correlation and spectra** Prof. Ulrich Kleinekathöfer
	10:30	break
	11:00	**Controlling the interaction of photons and single molecules in a tunable λ/2-microresonator** Prof. Alfred J. Meixner
	12:30	lunch
	14:00	Prof. Mir Wais Hosseini
	15:30	Prof. Leroy Cronin
	17:00	poster session
	18:30	end of class and dinner

Monday, 5.9.2011

8:00	breakfast
9:00	**Dynamics of hydrogen-bonded molecular (nano)structures from multidimensional vibrational resonance** Prof. Peter Vöhringer
10:30	break
11:00	**Ultrafast dynamics of nanostructured materials for solar energy conversion - from natural to artificial** Prof. Villy Sundström
12:30	lunch
14:00	**Structural and Chemical Effects of Charge-Transfer Across Organic/Metal Interfaces** Dr. Robert Otero
15:30	hike moderate, but bring sturdy footwear and - just in case - rain gear)
18:30	Barbecue

Tuesday, 6.9.2011

8:00	breakfast
9:00	**Energy transfer in nanoscale systems** Prof. Greg Scholes
10:30	break
11:00	**Organic Photovoltaic Devices: How do these actually work?** Dr. David Beljonne
12:30	lunch
14:00	**Charge and energy transfer in molecules on insulating films** Dr. Ingmar Swart
15:30	farwell address and end of course