

Black Forest Focus 8: Electronic and Excitonic Transport in Soft Matter

Schluchsee, 10-14 Oct 2012



Program

Wednesday 10/10

from 16:00	Check in at Hotel Vier Jahreszeiten Bus Shuttle from Freiburg: Departure at FRIAS 17:00, Arrival at hotel approx. 18:00
18:45 - 19:00	Opening (Conference room "Riesenbühl")
19:15 - 20:30	Dinner (Restaurant "Panorama")

Thursday 11/10

from 07:00	Breakfast (Restaurant "Panorama")
09:00 - 09:55	Mark Ratner Northwestern University <i>Transport in molecular species: Some Ideas about Coherence, Timescales and Mechanism</i>
10:00 - 10:55	Elke Scheer University of Konstanz <i>Mechanical Control of Electronic Transport in Single-Molecule Devices</i>
11:00 - 11:30	Coffee
11:30 - 11:55	Michel Calame University of Basel <i>Insights into the electronic and mechanical structure of molecular junctions</i>
12:00 - 12:55	Heinz Bässler University of Bayreuth <i>To hop or not to hop - the transport of charges and excitations in disordered organic solid</i>
13:00 - 15:30	Lunch break (Lunch is served from 13:00-14:00 at Restaurant "Panorama")
15:30 - 16:25	Michel Schott Institut des NanoSciences de Paris - INSP <i>Single polydiacetylene chains as (quasi)perfect (quasi)1D quantum wires</i>
16:30 - 16:55	Florian von Wrochem Sony Deutschland GmbH, Materials Science Laboratory <i>Charge injection across metal-organic interfaces: progress in molecular electronics towards versatile and highly stable devices</i>
17:00 - 17:30	Coffee
17:30 - 17:55	Rodolfo Jalabert University of Strasbourg <i>Scattering phase in a single electron transistor: signatures of wave-function correlations</i>
18:00 - 18:55	Maurizio Prato University of Trieste <i>Functional materials based on carbon nanostructures</i>
19:15 - 20:30	Dinner (Restaurant "Panorama")

Friday 12/10

from 07:00	Breakfast (Restaurant "Panorama")
09:00 - 09:55	Dirk Guld University of Erlangen <i>Low dimensional nanocarbons in solar energy conversion schemes</i>
10:00 - 10:55	Frank C. Spano Temple University <i>Interplay Between Intrachain and Interchain Interactions in Semiconducting Polymer Assemblies</i>
11:00 - 11:30	Coffee

Program (continued)

Friday 12/10 (continued)	
11:30 - 11:55	Laurens Siebbles Delft University of Technology <i>Photogeneration, motion and decay of excitons and charges in polymer based blend films and covalent organic frameworks</i>
12:00 - 12:55	Carlos Silva University of Montréal <i>The molecular-weight-dependent interplay between intramolecular and intermolecular exciton spatial coherence in semicrystalline polymeric semiconductors</i>
13:00 - 15:30	Lunch
15:30 - 17:00	Walking Activity (Optional) Otherwise Free Afternoon
19:15 - 20:00	Dinner (Restaurant "Panorama")
20:00 - 21:30	Poster session and Dessert (Room "Bildstein")
Saturday 13/10	
from 07:00	Breakfast (Restaurant "Panorama")
09:00 - 09:55	Fred Wudl University of California <i>Evolution of Charge Transport in Organic Solids</i>
10:00 - 10:55	David Vanden Bout University of Texas <i>Optical and electronic properties of single conjugated polymers and aggregates</i>
11:00 - 11:30	Coffee
11:30 - 11:55	Jenny Nelson Imperial College London <i>Relationship between conjugated polymer chain conformation and charge mobility</i>
12:00 - 12:55	Nobert Koch Humboldt University Berlin <i>Interface and bulk charge carrier density manipulation in organic semiconductors</i>
13:00 - 15:30	Lunch break (Lunch is served from 13:00-14:00 at Restaurant "Panorama")
15:30 - 16:25	Ullrich Steiner University of Cambridge, UK <i>Interplay of demixing and crystallisation in P3HT/PCBM blends</i>
16:30 - 16:55	Natalie Stingelin Imperial College London <i>Solid-state structure development in polymer semiconductors and its influence on optoelectronic processes</i>
17:00 - 17:30	Coffee
17:30 - 17:55	Michael Sommer University of Freiburg <i>Synthesis and self-organization of monodisperse and defect-free semicrystalline conjugated polymers</i>
18:00 - 18:25	Laurent Simon Institut de Sciences des Matériaux de Mulhouse <i>Supramolecular assembly based on oligothiophene molecules deposited on monolayer graphene substrate</i>
18:30 - 18:45	Closing
19:15 - 20:30	Dinner (Restaurant "Panorama")
Sunday 14/10	
from 07:00	Breakfast (Restaurant "Panorama")
10:00	Shuttle Departure to Freiburg