

Program

Monday 4th October 2010

9h00- 9h50 Arrival, check-in, coffee
9h50-10h00 Introductory remarks

Controlling and directing assembly processes in soft matter systems

10h00-10h20	A1	Transient self-assembled networks	Friedrich/Wittmer
10h20-10h40	A2	Dynamic nanostructures in self-assembled lipid bilayers	Schiller/Marques/Meier
10h40-11h00	A3	Self-assembled nanoribbons and nanotubes of aromatic diamide-esters	Reiter/Mésini
11h00-11h20		<i>Coffee-break</i>	
11h20-11h40	A4	Self-assembled donor-acceptor amphiphilic polymers	Ludwigs/Giuseppone
11h40-12h00	A5	Controlled nucleation and growth of conjugated polymers	Ludwigs/Brinkmann
12h00-12h20		Synthetic biology for materials science	Weber
12h20-13h00		<i>Discussion</i>	
13h-14h00		<i>Lunch</i>	
14h30-15h40		<i>Discussion in small groups about the projects</i>	
15h40-16h00		<i>Coffee-break</i>	

Designing and improving multi-component soft matter systems

16h00-16h20	B1	Macromolecular nanohybrid molecules	Mülhaupt/Lutz
16h20-16h40	B2	Polymer multilayers at solid substrates	Rühe/Decher
16h40-17h00	B3	Influence of nanofillers on the properties of polymer latex films	Bartsch/Meyer
17h00-17h20	B4	Colloidal stabilization by unattached homo- and copolymers	Bartsch/Semenov
17h20-17h40		New strategies for controlling polymer sequences	J.F. Lutz
17h40-18h30		<i>Discussion</i>	
19h00		<i>Dinner</i>	

Tuesday 5th October 2010

Exploring and sensing interfacial properties of soft matter systems

9h00-9h20	C1	Interactions between biological systems and patterned surfaces	Rühe/Krafft/Anselme
9h20-9h40	C2	Development of mechanically responsive sensors	Schiller/Schaaf
9h40-10h00	C3	Modeling late stages of spin-coating	Blumen/Baschnagel
10h00-10h20	C4	Frictional and adhesive properties of polymer surfaces and films of controlled structure and function	Reiter/Le Houérou
10h20-10h40	C5	Mechanics of surface recovery and reconstruction after deformation	Mülhaupt/Pelletier
1h040-11h00		<i>Coffee-break</i>	
11h00-12h00		<i>Discussion</i>	
12h00-13h00		<i>Discussion: summer schools, workshops, training camps, etc...</i>	
13h00		<i>Lunch and departure</i>	