

Swiss Soft Days 4th edition

February 3rd, 2011 at Nestlé Research Center, Lausanne

Program

10:00	Arrival	
10:15 – 10:30	Opening Notes / Introduction NRC	A. Burbidge/H.J. Limbach (NRC)
<i>Session 1: Interfaces - Wetting and Solubility</i>		
<i>Chair: Joseph Brader</i>		
10:30 – 11:10	Why organic surfaces with nanostructured composition present novel and unexpected properties?	F. Stellacci (EPFL)
11:10 – 11:30	Stimuli-responsive nanoparticles: Physicochemical and biological evaluation for siRNA delivery	R. Enea (U Basel)
11:30 – 11:50	Wettability of soluble materials	L. Forny (NRC)
11:50 – 12:10	Ultra-high magnetic control of anisotropic particle suspensions for composite technology	R. M. Erb (ETHZ)
12:15 – 13:00	Lunch	
13:00 – 13:40	Poster Session 1	
<i>Session 2: Rheology and Complex Fluids</i>		
<i>Chair: Maxim Belushkin</i>		
13:40 – 14:00	Formation and confinement of actin networks in microchambers	S. Deshpande (U Basel)
14:00 – 14:20	Capillary interactions and fluid transport in shear flow of granular media	R. Mani (ETHZ)
14:20 – 14:40	A 3D finite element approach for mesoscopic fluid-structure interaction	U. M. Mayer (TU München)
14:40 – 15:00	Arrested demixing: from gels to bigels	F. Varrato (EPFL)
15:00 – 15:40	Coffee Break – Poster Session 2	
<i>Session 3: Supramolecular Structures and Self Assembly</i>		
<i>Chair: Joachim Kohlbrecher</i>		
15:40 – 16:00	Modulated 3D cross-correlation light scattering	I. Block (U Fribourg)
16:00 – 16:20	Dendronized polymers investigated by neutron scattering	R. Sigel (U Fribourg)
16:20 – 16:40	A supramolecular bottle-brush approach to disassemble amyloid fibrils	P. A. Rühs (ETHZ)
16:40 – 17:00	Self-assembled peptide microspheres for drug delivery applications	D. de Bruyn Ouboter (U Basel)
17:00 – 17:15	Closing remarks	C. Palivan (U Basel)
17:15	End of SSD4	