

CHOBOTIX – 1st Annual Project Review Meeting

Date: 19 May 2009
Location: Chem. Eng. Library, room 141b

Programme

9:00 Introduction & Project overview (František Štěpánek)

Session A – Building blocks

9:10 Templated synthesis of porous silica particles (Pavel Kovačik)

9:30 Electroformation of giant liposomes (Martin Ullrich)

9:50 Synthesis of nanoparticles (Mandeep Singh)

10:10 Stimuli-responsive hydrogels (Aleš Zdražil)

10:30 Coffee break

Session B – Assembly & Activity

11:00 Ink-Jet technology for microencapsulation (Jiří Dohnal)

11:20 Adaptive particles and their collective behaviour (Jitka Čejková)

11:40 „Killer-bots“: strategies for bactericidal action (Viola Tokárová)

12:00 In-situ formation of active ingredients: the garlic power (Ondřej Kašpar)

12:20 Lunch break

Session C – Theory and simulation, Analytical methods

13:00 Optical methods for the analysis of chemical robots (Jaroslav Hanuš)

13:20 Model-based design of adaptive particles and surfaces (Zdeněk Grof)

13:40 The „Universal Swarm Simulator“ (Peter Grančič)

14:00 Wrap-up and future work (František Štěpánek)

14:10 Tea break

Session D – Planning ahead (team members only)

14:40 SWOT analysis: skills gaps, resource planning, new project sub-streams (All)

15:10 Year 2 master-plan: key objectives, milestones, responsibilities (All)

15:40 Miscellaneous: conferences, publications, budget (FS)

16:00 Close

Contact:

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