

MICREAgents September Workshop

Fondazione Levi and ECLT Venice, September 8 -10, 2013



Time	Day 2 - Monday, September 9, 2013 Location: ECLT
9:00-10:20	Lablet Sensors, Power and Coatings <i>Lablet sensors, WP5, 1 Cronin (40 min)</i> <i>Sensor, sponges, gels & amplification, WP3, 1 Willner (40 min)</i>
10:20-11:00	Lablet cloning and amplification <i>Lablet SPREAD & DNA amplification, WP4 Patzke et.al. (40 min)</i>
11:00-11:20	Coffee Break
11:20-12:40	Lablet & Dock Design & Fab <i>Passive & Chargeable Lablets, WP6 Wagler (30 min)</i> <i>Lablet & Dock CMOS: Design, Tests, Next WP6, 7 Mayr, Funke (40 min)</i> <i>Dock & lablets: integration, Interface, Software WP6, 7 Maeke, (20 min)</i>
12:40-13:30	Lunch at ECLT
13:30-14:30	Reversible lablet docking & self-assembly <i>Switchable DNA surface docking, WP2 Herrmann (40 min)</i> Lablet cloning and amplification <i>Evolvable lablet patterning schemes for self-assembly, WP6, 2 Packard/Rasmussen/Wills (20 min)</i>
14:30-15:30	Lablet coding and computation <i>Computational model of lablet processing, WP10 Fellermann, Rasmussen (30 min)</i> <i>Gemlabic code and bootstrapping, WP10 Wills (30 min)</i>
15:30-16:10	Applications: Synthesis, delivery, biodocking <i>Lablets and programmed delivery & uptake, WP9 Stepanek (40 min)</i>
16:10-16:30	Coffee Break
16:30-17:30	Discussion and Coordination of high level functions: <ol style="list-style-type: none"> 1. Lablet cloning and self-replication of lablets 2. Lablet coding and simulation 3. Multilablet chemical processes 4. Applications of lablets including biodocking 5. Miscellaneous high level issues
17:30-18:00	General Council Meeting (Others time to discuss in small groups)
19:00	Common Dinner

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Time	Day 3 - Tuesday, September 10, 2013 Location: ECLT
9:00-10:30	Lablet Design and Fab Discussion and Coordination of low level functions: <ol style="list-style-type: none"> 1. Lablet power and supercap 2. Interlablet communication: capacitive & Faradaic 3. Lablet motion and self-assembly: including magnetic 4. Lablet chemical functionality 5. Electronics, ROM, optical barcodes & other 6. Lablet coding
10:30-10:45	Coffee Break
10:45-13:00	Planning Session: Experimental, software and lablet fabrication cooperation planning Small Groups (75 min) Internal deliverables, joint experiments, exchanges Plenum (60 min)
13:00-14:00	Lunch at ECLT
14:00-16:00	Plenum: Major deliverables period 1 and review meeting preparation (60 min) Closing Discussion of Main Scientific Targets in First Period (30 min) Planning of upcoming meetings and ECLT activities (15 min) Web Site and Dissemination Planning (15 min)
16:00	Coffee Break
	Discussion and departures