



Swarm Lab Winter Retreat 2012

December 6th, Banatao Auditorium, Sutardja Dai Hall

8:00am	Breakfast and Registration	
9:00am	Welcome & Introduction	Ken Lutz
9:15 – 9:45	Swarm Lab Overview	Jan Rabaey
9:45 – 10:00	Theme Overview: Interaction Swarms Invention Lab	Björn Hartmann
10:00 – 10:15	Kris Pister, Smart Ring	
10:15 – 10:30	John Wawrzynek, e-Wallpaper and the unPad	
10:30 – 10:45	Bernhard Boser, Ultrasound	
10:45 – 11:00	David Wessel, Distributed Performance	
11:00 – 11:30	Break	
11:30 – 12:30	Poster Session 1	
12:30 – 1:30	Lunch	
1:30 – 2:30	Blue Sky Thoughts and Big Ideas: : <ul style="list-style-type: none"> • Peter Fuhr, Oak Ridge Nat'l Lab: Small modular nuclear reactors; grid implications associated with large scale mobile (clustering) sensor systems • Ben Zhang, UCB, Semantic Localization • Ankur Mehta, UCB, Mobility in Wireless Sensor Networks • Masaki Kitsunezuka, NEC, NEC's Research Activity with OpenWSN 	
2:30 – 2:45	Theme Overview: Action Swarms	Claire Tomlin
2:45 – 3:00	Claire Tomlin, ActionWebs	
3:00 – 3:15	Patrick Bouffard, Aerial Swarms	
3:15 – 3:30	Tim J. Blanche, Next Generation Nanoptrodes	
3:30 – 3:45	John Kubiawicz, Tessellation OS	
3:45 – 4:00	Kevin Weekly, Floating Sensor Networks	
4:00 – 4:30	Break	
4:30 – 5:30	Poster Session 2 and Reception	