SpaSWiN 2006: Technical Program

08.30 - 08.40	**Welcome**
08.40 - 09.20	**Keynote 1:** ***Random graph models of wireless networks: Connectivity, clocks, computation and capacity*** **P.R. Kumar (Univ. Illinois at Urbana Champaign)**
09.20 - 10.00	**Keynote 2:** ***From statistical physics to information science; how to use math for communication networks*** **Ronald Meester (Free University Amsterdam)**
10.00 - 10.30	**Coffee break**
10.30 - 12.10	**Session 1. Chair: Ayalvadi Ganesh (Microsoft Research, Cambridge). Contributed papers (5)**
	Navigation on a Poisson point process Charles Bordenave
	A Lower Bound for the Achievable Throughput in Large Random Wireless Networks Under Fixed Multi-path Fading Yoav Nebat
	A Backoff Mechanism to Achieve Full Organization Mathilde Durvy; Patrick Thiran
	Propagation properties for a message in a Brownian sensor network Niklas Gunnarsson; Ingemar Kaj; Petteri Mannersalo
	Travel delay in a large wireless ad hoc network Erol Gelenbe
12.10 - 13.20	**Lunch**
13.20 - 15.00	**Session 2. Chair: Petteri Mannersalo (VTT Finland)**
13.20 - 13.50	**Invited talk 1:** ***Flows through random networks*** **David Aldous (U.C. Berkeley)**
13.50 - 14.20	**Invited talk 2:** ***Self Organization of Interfering 802.11 Wireless Access Networks*** **Francois Baccelli (ENS-INRIA, Paris)**
14.20 - 15.00	**Contributed papers (2)**
	A compact routing protocol for ad hoc networks Minghua Chen; Ayalvadi Ganesh

	A stochastic geometry approach to wideband ad hoc networks with channel variations Steven Weber; Jeffrey Andrews
15.00 - 15.30	**Coffee break**
15.30 - 16.50	**Session 3. Chair: Olivier Dousse (Deutsche Telekom Laboratories, Berlin). Contributed papers (4)**
	On the Distance Entropy of a Data Collection Network Junning Liu; Micah Adler; Don Towsley
	Energy aware unicast geographic routing Anthony Busson; Guillaume Chelius; Eric Fleury
	Regularization Energy in Sensor Networks Radha Krishna Ganti; Martin Haenggi
	Facet Routing on Voronoi Tessellation: A Scalable Model for Energy Load Balancing in Large-scale Sensor Networks Sung Jun Baek; Gustavo de Veciana
16.50 - 17.00	**Closing remarks**