

AdHoc-NOW 2008

Wednesday, September 10	
09 : 00	Registration / Welcome session
09 : 30	Invited speaker
10 : 30	Probabilistic Algorithms for Wireless Sensor Networks Sotiris Nikolettseas (RA, CTI, Greece)
10 : 30	Coffee break
11 : 00	Invited speaker
12 : 00	Gathering in radio networks Jean-Claude Bermond (Mascotte, CNRS-INRIA-UNSA, Sophia Antipolis, France)
12 : 00	Short break
12 : 10	Session 1: Security <ul style="list-style-type: none"> • A Secure Cross-layer Protocol for Multi-hop Wireless Body Area Networks <i>Dave Singelee, Benoît Latré, Bart Braem, Michael Peeters, Marijke De Soete, Peter De Cleyn, Bart Preneel, Ingrid Moerman and Chris Blondia</i> • Attacks on CKK family of RFID authentication protocols <i>Filip Zagorski, Zbigniew Golebiewski and Krzysztof Majcher</i>
13 : 00	Lunch
14 : 30	Session 2: Routing <ul style="list-style-type: none"> • Multi-Path Routing in Wireless Sensor Networks <i>Torsten Braun and Philipp Hurni</i> • TSLA: A QoS-Aware On-Demand Routing Protocol for Mobile Ad Hoc Networks <i>Consolee Mbarushimana and Ali Shahrabi</i> • Geographic Routing with Early Obstacles Detection and Avoidance in Dense Wireless Sensor Networks <i>Moraru Luminita, Pierre Leone, Sotiris Nikolettseas and Jose Rolim</i> • Adaptive MANET Routing: A Case Study <i>Liang Qin and Thomas Kunz</i>
16 : 10	long coffee break (+ posters)
16 : 50	Session 3: Data communication <ul style="list-style-type: none"> • Communication in Random Geometric Radio Networks with Positively Correlated Random Faults <i>Evangelos Kranakis, Michel Paquette and Andrzej Pelc</i> • Query Dissemination with Predictable Reachability and Energy Usage in Sensor Networks <i>Zinaida Benenson, Markus Bestehorn, Erik Buchmann, Felix Freiling and Marek Jawurek</i> • Mitigating Reply Implosions in Query-based Service Discovery Protocols for Mobile Ad Hoc Networks <i>Antonio Gomes, Artur Ziviani, Luciana dos Santos Lima, Markus Endler and Guillaume Chelius</i> • Adapting BitTorrent to wireless ad hoc networks <i>Mohamed Karim Sbai, Chadi Barakat, Jaeyoung Choi, Anwar Al hamra and Thierry Turletti</i>
18 : 30	
Thursday, September 11	
09 : 30	Session 4: Topology control <ul style="list-style-type: none"> • Approximating Minimum-Power k-Connectivity <i>Zeev Nutov</i> • Local Maximal Matching and Local 2-Approximation for Vertex Cover in UDGs <i>Andreas Wiese and Evangelos Kranakis</i> • Localized Spanner Construction for Ad Hoc Networks with Variable Transmission Range <i>Liam Roditty and David Peleg</i>
10 : 45	Coffee break
10 : 45	

11 : 00	Invited speaker A Common Sense Approach to the Real-world Global Sensing: Towards the Future Internet Srdjan Krco (Ericsson, Ireland)
12 : 00	
12 : 00	Short break
12 : 10	Session 5: <ul style="list-style-type: none"> • The Mathematics of Routing in Massively Dense Ad-Hoc Networks <i>Eitan Altman, Pierre Bernhard and Alonso Silva</i> • Utility-based Uplink Power Control in CDMA Wireless Networks with Real-Time Services <i>Timotheos Kastrinogiannis, Symeon Papavassiliou and Eirini-Eleni Tsiropoulou</i>
13 : 00	
13 : 00	Lunch
14 : 30	
14 : 30	Posters and Demos <ul style="list-style-type: none"> • Coffee will be served during the session.
16 : 00	
16 : 00	Social event
19 : 00	
19 : 00	Gala dinner
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Friday, September 12

09 : 30	Session 6: MAC layer-I <ul style="list-style-type: none"> • A Lower Bound on the Capacity of Wireless Ad Hoc Networks With Cooperating Nodes <i>Anthony Acampora and Louisa Pui Sum Ip</i> • Self-Interference in Multi-hop wireless chain: Geometric analysis and performance study <i>Saqib Razak and Nael Abu-Ghazaleh</i> • On Backoff in Fading Wireless Channels <i>Seon Yeong Han and Nael Abu-Ghazaleh</i>
10 : 45	
10 : 45	Coffee break
11 : 10	Invited speaker Wireless Body Area Networking: Technology, Applications and Challenges Xuemin (Sherman) Shen (University of Waterloo, Canada)
12 : 10	
12 : 10	Session 7: Localization <ul style="list-style-type: none"> • Distributed Qualitative Localization for Wireless Sensor Networks <i>Karel Heurtefeux and Fabrice Valois</i> • DIN: An Ad-hoc algorithm to Estimate Distances in Wireless Sensor Networks <i>Freddy Lopez Villafuerte and Jochen Schiller</i>
13 : 00	
13 : 00	Lunch
14 : 30	
14 : 30	Session 8: MAC layer-II <ul style="list-style-type: none"> • Cheating on the CW and RTS/CTS Mechanisms in Single-hop IEEE 802.11e Networks <i>Szymon Szott, Marek Natkaniec and Andrzej R. Pach</i> • Opportunistic clock synchronization in a beacon enabled wireless sensor network <i>Nicola Altan and Erwin Rathgeb</i> • A prediction based cross-layer MAC/PHY interface for CDMA ad hoc networks <i>P. Justin Kouraogo, Zbigniew Dziong and François Gagnon</i>
16 : 10	
16 : 10	Closing