Monday, July 17 – Workshops
1. Advances in Sensor Networks
2. Ubiquitous Access Control

Tuesday, July 18
8:30 – 9:00 Welcome (General Chairs, TPC Chairs)
9:00 – 10:00 Keynote
Frederick L. Kitson, Vice President and Senior Director – Motorola Labs
10:00 – 10:30 Break
10:30 – 12:00 Paper Session 1: Location management and LBS

Identifying meaningful locations
Petteri Nurmi, HIIT, University of Helsinki
Johan Koolwaaij, Telematica Instituut, The Netherlands

Using Location Dependence to Manage Mobile Data
Daniel Crawl, Joseph Dunn, and John Bennett
Department of Computer Science
University of Colorado
Avneesh Bhatnagar, Verizon Data Services Inc.
Evan Speight, IBM Austin Research Laboratory

Information Flow Control for Location-based Services
Nishkam Ravi, Marco Gruteser* and Liviu Iftode
Department of Computer Science, Rutgers University
*WINLAB, ECE Department, Rutgers University
12:00 – 1:30 Lunch
1:30 – 3:30 Paper Session 2: Mobile Ad Hoc Networks

Interference based Call Admission Control for Wireless Ad Hoc Networks
Sridhar K N and Mun Choon Chan
Department of Computer Science, School of Computing, National University of Singapore

Controlled Epidemic style Dissemination Middleware for Mobile Ad Hoc Networks
Mirco Musolesi, Cecilia Mascolo
Dept. of Computer Science
University College London

APHD: End-to-End Delay Assurance in 802.11e Based MANETs
Jian Li, Zhi Li, and Prasant Mohapatra
Department of Computer Science
University of California at Davis

A Cross-layer, Decentralized BitTorrent for Mobile Ad hoc Networks
Sundaram Rajagopalan, Chien-Chung Shen
Department of Computer and Information Sciences,
University of Delaware, Newark

3:30 – 4:00 Break

4:00 – 5:30 Poster Session

POISE: An Inexpensive, Low Power Location Sensor Based on Electrostatics
Mbou Eyole-Monono, Robert Harle, Andy Hopper
Computer Laboratory, Cambridge University, UK

A Generic Large Scale Simulator for Ubiquitous Computing
Miquel Martin, NEC Europe Ltd
Petteri Nurmi, HIIT, University of Helsinki,

Overload-Driven Mobility-Aware Cache Management in Wireless Environments
Humeyra Topcu-Altintas, Yun Huang and Nalini Venkatasubramanian
School of Information & Computer Sciences,
University of California, Irvine

Generalized “Yoking-Proofs” for a Group of RFID Tags
Leonid Bolotnyy and Gabriel Robins
Department of Computer Science,
University of Virginia
Wednesday, July 19

9:00 – 10:00   Keynote
Shannon Maher, UK Engineering Site Director - Google

10:00 – 10:30 Break

10:30 – 12:00 Challenges Session: Challenges on Providing Services in a Ubiquitous, Mobile Environment

12:00 – 1:30 Lunch

1:30 – 3:30 Paper Session 3: Routing in ad-hoc and vehicular wireless networks

TypeCast: Type-Based Routing in Wireless Ad-hoc Networks
Jinsong Lin and Rajive Bagrodia
Computer Science Department, University of California, Los Angeles

Randomized 3D Position-based Routing Algorithms for Ad-hoc Networks
A.E. Abdallah and T. Fevens and J. Opatrny
Department of Computer Science and Software Engineering
Concordia University, Montreal

MURU: A Multi-Hop Routing Protocol for Urban Vehicular Ad Hoc Networks
Zhaomin Mo, Hao Zhu, Kia Makkı, Niki Pissinou
Telecommunications and Information Technology Institute
Florida International University, Miami,

A Comparative Study of Data Dissemination Models for VANETs
Tamer Nadeem, Siemens Corporate Research
Pravin Shankar, Liviu Iftode
Department of Computer Science
Rutgers University

3:30 – 4:00 Break

4:00 – 5:30 Demos

Thursday, July 20

8:30 – 10:00 Paper Session 4: Wireless sensor networks

Application-Centric Networking Framework for Wireless Sensor Nodes
Sukwon Choi, Hojung Cha
Dept. of Computer Science, Yonsei University, Seoul, Korea

Decomposing Data-Centric Storage Query Hot-Spots in Sensor Networks
Mohamed Aly, Panos K. Chrysanthis, Kirk Pruhs
Department of Computer Science
University of Pittsburgh
Adaptive Data Collection Scheme for Tracking Mobile Target in Wireless Sensor Networks
Ling Zhou and Arunabha Sen
CSE Dept. Arizona State University

10:00 – 10:30 Break

10:30 – 12:00 Research in Progress Session

Location Traceability of Users in Location-based Services
Yutaka Yanagisawa† Hidetoshi Kido‡‡ Tetsuji Satoh† ‡‡
†NTT Communication Science Laboratories, NTT Corporation
‡‡Graduate School of Information Science and Technology, Osaka University

The Impact of the Context Interpretation Error on the Context Prediction Accuracy
Stephan Sigg, Sandra Haseloff and Klaus David
University of Kassel

Pervaho: A Development & Test Platform for Mobile Ad hoc Applications
Patrick Eugster, Departement of Computer Science, Purdue University
Benoît Garbinato and Adrian Holzer
University of Lausanne

A Framework to Provide Anonymity in Reputation Systems
Hugo Miranda Luís Rodrigues
Universidade de Lisboa

SIPCache: A Distributed SIP Location Service for Mobile Ad-Hoc Networks
Simone Leggio§ Hugo Miranda Kimmo Raatikainen§ Luis Rodriguesy
§ Department of Computer Science, University of Helsinki
yUniversidade de Lisboa, Departamento de Informática

12:00 – 1:30 Lunch

1:30 – 4:00 Paper Session 5: Resource and service discovery mechanisms

Sleeper: A Power-Conserving Service Discovery Protocol
J. Buford, Panasonic Digital Networking Lab, Princeton
B. Burg, Panasonic Digital Networking Lab, San Jose, CA
E. Celebi, P. Frankl, Polytechnic University, NY

A Multi-Protocol Approach to Service Discovery and Access in Pervasive Environments
Pierre-Guillaume Raverdy, Valérie Issarny, Rafik Chibout, Agnès de La Chapelle
INRIA-Rocquencourt

A Framework for Opportunistic Forwarding in Disconnected Networks
Iacopo Carreras, Daniele Miorandi and Imrich Chlamtac
CREATE.NET, Trento
An Empirical Evaluation of the Student-Net Delay Tolerant Network
Jing Su, Ashvin Goel†, Eyal de Lara
Department of Computer Science
†Department of Electrical and Computer Engineering
University of Toronto

Context-Based Adaptation of Mobile Phones Using Near-Field Communication
Dipanjan Chakraborty1, Sandeep Jindal1, Sudha Krishnamurthy2, Sumit Mittal1
1IBM India Research Lab, New Delhi, India
2Deutsche Telekom Laboratories, Berlin, Germany

Friday, July 21 – Workshops

1. Personalized Networks

2. Vehicle-to-Vehicle Communications (V2VCOM)