MobiOpp 2010 Preliminary Program

MobiOpp 2010 Main Features

- 2 Keynote Speeches by
  - Andrew Campbell (Dartmouth College, USA)
  - Jon Crowcroft (University of Cambridge, UK)

- 1 Poster & Demo Session

- 1 PhD Forum

- 1 Panel

- 6 Technical Sessions

MobiOpp 2010 accepted papers

Full Papers:

Efficient and Reliable Dissemination in Wireless Opportunistic Networks by Location Extrapolation
Adnan Agbaria; Roy Friedman

Plausible Mobility: Inferring Movement from Contacts
John Whitbeck; Vania Conan; Marcelo Amorim

Random Walks in Time-Graphs
Utku G Acer; Alhussein A. Abouzeid; Petros Drineas

A Study of Information Dissemination Under Multiple Random Walkers and Replication Mechanisms
Konstantinos Oikonomou; Dimitris Kogias; Ioannis Stavrakakis

Message Ferries as Generalized Dominating Sets in Intermittently Connected Mobile Networks
Bahadir Polat; Pushkar Sachdeva; Mostafa Ammar; Ellen Zegura

Hide-and-Lie: Enhancing Application-level Privacy in Opportunistic Networks
Laszlo Dora; Tamás Holczer

Token Based Algorithm for Supporting Mutual Exclusion in Opportunistic Networks
Sagar A Tamhane; Mohan J Kumar

Virtual Data Mules for Data Collection in Road-side Sensor Networks
Diego Borsetti; Claudio E. Casetti; Carla-Fabiana Chiasserini; Marco Fiore; Jose M. Barcelo-Ordinas
Conditionally accepted
Impact of Source Counter on DTN Routing Control under Resource Constraints
Xiaolan Zhang; Honggang Zhang; Yu Gu

Concise Papers:

Human Mobility in Shopping Mall Environments
Adriano Galati; Chris Greenhalgh

On the Performance Modeling of Opportunistic Routing
Llorenç Cerdà-Alabern; Vicent Pla; Amir Darehshoorzadeh

Spectral Efficiency of Mobility-Assisted Podcasting in Cellular Networks
Vladimir Vukadinovic; Gunnar Karlsson

Evaluation of a DTN Convergence Layer for the AX.25 network protocol
John Ronan; Kristian Walsh; Darren Long

Uttering: Social micro-blogging without the Internet
Gualtiero Colombo; Roger Whitaker; Stuart Allen

RADON: Reputation-Assisted Data forwarding in Opportunistic Network
Na Li; Sajal K. Das

Intelligent Autonomous Handover in iMANETs
Ben McCarthy; Panagiotis Georgopoulos; Christopher Edwards

DTIPN: Delay Tolerant IP Networking for Opportunistic Network Applications
Hideya Ochiai; Kenichi Shimotada; Hiroshi Esaki

Conditionally accepted
Secure Descriptive Message Dissemination in Disruption Tolerant Networks
Mooi Choo Chuah; Ivan Stoev; Sankardas Roy

Poster Papers:

Theory of continuous polling systems applied to the Design of Message Ferry Routes in sensor networks
Veeraruna Kavitha; Eitan Altman

Social-Greedy: A Socially-Based Greedy Routing Algorithm for Delay Tolerant Networks
Kazem Jahanbakhsh; Ali Shoja; Valerie King

Incentives and Algorithms for Broadband Access Sharing
Lefteris Mamatas; Ioannis Psaras
An evaluation of the resource discovery process in IEEE 802.11 networks

German Castignani; Andrés Arcia; Nicolas Montavont

Synthetic Map-based Mobility Traces for the Performance Evaluation in Opportunistic Networks

Nils Aschenbruck; Matthias Schwamborn

Using Triggers for Emulation of Opportunistic Networking

Per Hurtig; Tanguy Perennou; Johan Garcia; Anna Brunstrom

Using Haggle to create an Electronic Triage Tag

Abraham Martín-Campillo; Jon Crowcroft; Eiko Yoneki; Ramon Martí; Carlos Martínez-García

On the Degree Distribution of Opportunistic Networks

Stefano Ferretti

Analysis of Opportunistic Localization Algorithms Based on the Linear Matrix Inequality Method

Francesco Zorzi; Andrea Bardella; Tanguy Perennou; Guodong Kang; Andrea Zanella

Participatory Mobile-Social-Network Simulation Environment

Fawad Nazir