



CHANTS Workshop 2006

- ▶ September 2006 in Pisa
- ▶ Co-located with ACM SIGCOMM
 - <http://chants.cs.ucsb.edu/program.html>
- ▶ Some 50+(?) participants; good discussion
- ▶ Quite a bit of work going on
- ▶ Not so much building on DTNRG at this point though
 - Yet, quite some may be leveraged by DTNRG
- ▶ Topics
 - DTN for mobility + DTN for sensors
 - Applications + motion patterns
 - Routing + congestion
 - Handling energy constraints
 - Opportunistic infrastructure use



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- ▶ **Disruption Tolerant Shell**
Martin Lukac (University of California Los Angeles, US); Lewis Girod (University of California, Los Angeles, US); Deborah Estrin (University of California at Los Angeles, US)
- ▶ **Delay Tolerant Broadcast**
Martin May (ETH Zurich, CH); Vincent Lenders (Swiss Federal Institute of Technology (ETH), CH); Gunnar Karlsson (KTH, Royal Institute of Technology, SE)
- ▶ **Opportunistic Content Distribution in an Urban Setting**
Jeremie Leguay (Univ. Pierre et Marie Curie, Paris, FR); Anders Lindgren (Luleå University of Technology, SE); James Scott (Intel Research Cambridge, UK); Timur Friedman (Univ. Pierre et Marie Curie, FR); Jon Crowcroft (University of Cambridge, UK)
- ▶ **A Hybrid Routing Approach for Opportunistic Networks**
Ling-Jyh Chen (Academia Sinica, TW); Chen-Hung Yu (National Taiwan University, TW); Tony Sun (UCLA, US); Yung-Chih Chen (Academia Sinica, TW); Hao-hua Chu (National Taiwan University, TW)
- ▶ **Integrating DTN and MANET Routing**
Joerg Ott (Helsinki University of Technology, FI); Dirk Kutscher (University of Bremen, DE); Christoph Dwertmann (University of Bremen, DE)
- ▶ **Alternative Custodians for Congestion Control in Delay Tolerant Networks**
Matthew Seligman (LTS, US); Kevin Fall (Intel Research, US); Padma Mundur (UMBC, US)



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- ▶ **Optimal Delay-Power Tradeoff in Sparse Delay Tolerant Networks: a preliminary study**
Giovanni Neglia (UMass, US); Xiaolan Zhang (University of Massachusetts, Amherst, US)
- ▶ **Hierarchical Power Management in Disruption Tolerant Networks with Traffic-Aware Optimization**
Hyewon Jun (Georgia Institute of Technology, US); Mostafa Ammar (Georgia Institute of Technology, US); Mark Corner (University of Massachusetts, US); Ellen Zegura (Georgia Institute of Technology, US)
- ▶ **Transport Layer Approaches for Improving Idle Energy in Challenged Sensor Networks**
Yong Wang (Princeton University, US); Chieh-Yih Wan (Intel, US);
Margaret Martonosi (Princeton University, US); Li-Shiuan Peh (Princeton University, US)
- ▶ **Impact of Communication Infrastructure on Forwarding in Pocket Switched Networks**
Anders Lindgren (Luleå University of Technology, SE); Christophe Diot (Thomson, FR);
James Scott (Intel Research Cambridge, UK)
- ▶ **MV-MAX: Improving Wireless Infrastructure Access for Multi-Vehicular Communication**
David Hadaller (University of Waterloo, CA); Srinivasan Keshav (University of Waterloo, CA);
Tim Brecht (University of Waterloo, CA)
- ▶
- ▶ **Invited talk on DTN deployment in oceanography** by Kevin Fall