

NetSciCom 2010

Second IEEE International Workshop on Network Science For Communication Networks

March 19, 2010 – San Diego, CA, USA

Workshop Program

8:00 - 8:30 AM	Registration
8:30 - 8:40 AM	Opening Remarks: Arun Sen, Andrea Richa and Katia Obraczka, Program Co-Chairs
8:40 - 9:40 AM	Keynote Talk 1: Prof. Fan Chung Graham, University of California, San Diego
9:40 - 10:40 AM	Session 1: Chair: Yuval Shavitt, Tel-Aviv University, Israel <ul style="list-style-type: none">❖ <i>On Traffic-Aware Betweenness and Network Criticality</i> Ali Tizghadam, Alberto Leon-Garcia University of Toronto, Toronto, Canada❖ <i>TTled Random Walks for Collaborative Monitoring</i> Yaniv Altshuler¹, Shlomi Dolev¹, Yuval Elovici¹, Nadav Aharony² ¹Ben Gurion University, Israel ²MIT, Cambridge, MA, USA❖ <i>Social Trust in Opportunistic Networks</i> Sacha Trifunovic¹, Franck Legendre¹, Carlos Anastasiades² ¹ETH Zurich, Switzerland ²University of Bern, Switzerland
10:40 - 11:00 AM	Coffee Break
11:00 AM - 12:20 PM	Session 2: Chair: H. T. Kung, Harvard University, Cambridge, MA, USA <ul style="list-style-type: none">❖ <i>A Structural Approach for PoP Geo-Location</i> Yuval Shavitt, Noa Zilberman Tel-Aviv University, Israel❖ <i>On MySpace Account Spans and Double Pareto-Like Distribution of Friends</i> Bruno Ribeiro¹, William Gauvin², Benyuan Liu², Don Towsley¹ ¹University of Massachusetts Amherst, Amherst, MA, USA ²University of Massachusetts Lowell, Lowell, MA, USA❖ <i>A First Step Towards Understanding Popularity in YouTube</i> Gloria Chatzopoulou, Cheng Sheng, Michalis Faloutsos University of California Riverside, Riverside, CA, USA❖ <i>Estimating Properties in Dynamic Systems: the Case of Churn in P2P Networks</i> Lamia Benamara, Clemence Magnien UPMC Univ Paris, LIP6, CNRS, UMR, Paris, France
12:20 - 1:30 PM	Lunch Break
1:30 - 2:30 PM	Keynote Talk 2: Prof. Jeoshua Bruck, California Institute of Technology, Pasadena, CA, USA
2:30 - 3:30 PM	Session 3: Chair: Ioannis Stavrakakis, University of Athens, Athens, Greece <ul style="list-style-type: none">❖ <i>Ensuring Strong Dominance of the Leading Eigenvalues with Cluster Ensembles</i> H. T. Kung¹, Bruce W. Suter² ¹Harvard University, Cambridge, MA, USA ²Air Force Research Laboratory/RITC, Rome, NY, USA❖ <i>Modeling Spatial Structure of Wireless Communication Networks</i> Janne Riihijarvi, Petri Mahonen RWTH Aachen University, Aachen, Germany

	<ul style="list-style-type: none"> ❖ <i>The Impact of the Subgroup Structure on the Evolution of Networks</i> Kibae Kim, Jorn Altmann, Junseok Hwang Seoul National University, Seoul, Korea
3:30 - 3:50 PM	Coffee Break
3:50 - 4:30 PM	<p>Session 4: Chair: TBA</p> <ul style="list-style-type: none"> ❖ <i>Adaptive Decentralized Routing in Small-world Networks</i> Oleg Bakun, Goran Konjevod Arizona State University, Tempe, AZ, USA ❖ <i>Rigorous Measurement of IP-level Neighborhood of Internet Core Routers</i> Christophe Crespelle, Matthieu Latapy, Elie Rotenberg LIP6 – CNRS and Universite Pierre et Marie Curie, Paris, France
4:30 - 5:30 PM	Panel Discussion