

# 10th IEEE Global Internet Symposium 2007

## Technical Program

**Date: Friday, May 11, 2007**  
<http://netsec.cs.uoregon.edu/gi2007/>

### **8:30-8:45 Welcome**

Opening Remarks by the Symposium Co-Chairs *Michalis Faloutsos (UC Riverside), Reza Rejaie (U. of Oregon)*

### **8:45-10:00 Session 1: Peer-to-Peer** - (session chair: Daniel Zappala, BYU)

#### **Distributed Social-based Overlay Adaptation for Unstructured P2P Networks**

*Ching-Ju Lin; Yi-Ting Chang; Shuo-Chan Tsai; Cheng-Fu Chou (National Taiwan U., TW)*

#### **A Case for Unstructured Distributed Hash Tables**

*Krishna Puttaswamy; Ben Zhao (University of California at Santa Barbara, US)*

#### **Examining Graph Properties of Unstructured Peer-to-Peer Overlay Topology**

*Chao Xie (Georgia State U.); Sijie Guo (Huazhong U. of Sci. & Tech.); R. Rejaie (U. of Oregon); Yi Pan (GSU)*

### **10:00 - 10:30 Break**

### **10:30 - 12:15 Session 2: Measurement & Sampling** - (session chair: Bin Liu, Tsinghua U.)

#### **Importance of IP Alias Resolution in Sampling Internet Topologies**

*Mehmet Gunes; Kamil Sarac (U. of Texas at Dallas)*

#### **Effect of sampling rate and monitoring granularity on anomaly detectability**

*Keisuke Ishibashi; Ryoichi Kawahara; Tatsuya Mori; Tsuyoshi Kondoh (NTT Corporation); Shoichiro Asano (National Institute of Informatics)*

#### **Stochastic Sampling for Internet Traffic Measurement**

*Tilman Wolf; Yan Cai; Patrick Kelly; Weibo Gong (U. of Massachusetts at Amherst)*

#### **A Black-box Router Profiler**

*Roman Chertov; Sonia Fahmy; Ness Shroff (Purdue U.)*

### **12:15 - 13:45 Lunch Break**

### **13:45 - 15:00 Session 3: Security** - (session chair: Suresh Singh, Portland State U.)

#### **The Case for Public Work**

*Wu-chang Feng; Ed Kaiser (Portland State U.)*

#### **Camouflaging Honeynets**

*Vinod Yegneswaran (SRI International); Chris Alfeld; Paul Barford; Jin-Yi Cai (U. of Wisconsin, Madison)*

#### **Inherent Behaviors for On-line Detection of Peer-to-Peer File Sharing**

*Genevieve Bartlett; John Heidemann (USC); Christos Papadopoulos (Colorado State U.)*

### **15:00 - 15:30 Break**

### **15:30 - 17:15 Session 4: New Architectures and Models** - (session chair: Sonia Fahmy, Purdue U.)

#### **The Virtually Invisible Internet**

*Suresh Singh; Jim Binkley (Portland State U.)*

#### **Dynamic Internetworking Based on Late Locator Construction**

*Börje Ohlman; Anders Eriksson (Ericsson)*

#### **Packet Forwarding: Name-based Vs. Prefix-based**

*Craig Shue; Minaxi Gupta (Indiana U.)*

#### **OverSim: A Flexible Overlay Network Simulation Framework**

*Ingmar Baumgart; Bernhard Heep; Stephan Krause (U. Karlsruhe)*

### **17:15 Closing Remarks** (Michalis Faloutsos, Reza Rejaie)