13th IEEE Global Internet Symposium

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San Diego, CA, USA
March 19, 2010
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Author Breakdown – Registered Papers

![Bar chart showing the number of registered papers by country. The USA leads with over 40 papers, followed by P.R. China, Japan, Germany, Finland, France, Hong Kong, Greece, United Kingdom, Belgium, Spain, Israel, Italy, Canada, Turkey, Sweden, Australia, Portugal, Pakistan, India, Iran, Switzerland, European Union, and Taiwan with the lowest.]
Topic Breakdown – Registered Papers

anomaly, intrusion and attack detection 3
content networking 13
distributed Internet apps (games, VoIP, conferencing) 7
fairness/sharing, congestion control, diff. serv. 3
handling Internet dynamics/heterogeneity 8
next-generation network architectures 22
novel applications & new paradigms 14
P2P networking & overlay networks 19
privacy and/or security issues in the Internet 11
provisioning, monitoring & management of IP services 10
routing (unicast, multicast, anycast, etc.) 8
Internet mobility, mobile devices, intermittent connectivity 8
traffic measurement, analysis, modeling & visualization 17
Review & Acceptance Process

26 TPC members

single-blind review process

73 submissions

assigned to 3 TPC members each

~7.7 reviews/member

half could be delegated (24 were)

192 total reviews

avg. review ~1618 characters

accepted 16 out of 73 = ~21%
Author Breakdown – Accepted Papers

USA | Finland | Germany | Japan | Israel | Greece | France | Sweden | United Kingdom | Italy

15 | 10 | 7 | 5 | 3 | 2 | 2 | 1 | 1 | 1
After your Talk

Sign the IEEE form.

Please email your slides to gi2010@fit.nokia.com if you’d like them to be made available on the workshop web site at http://fit.nokia.com/gi2010/

After the symposium, the papers will appear on IEEExplore.

Next year, they will be in the INFOCOM 2011 proceedings.
Program

Future Internet & Publish/Subscribe Systems  8:30 – 10:00

Break  10:00 – 10:30

Internet Security  10:30 – 12:00
Chair: Joe Touch

Lunch Break  12:00 – 13:30

Network Measurements  13:30 – 15:00
Chair: Christos Papadopoulos

Break  15:00 – 15:30

Inter-Domain Routing & Traffic  15:30 – 17:00
Chair: Rod van Meter
Innovation and the Next Generation Internet
James Kempf, Pekka Nikander, Howard Green

Canopy: Publish/Subscribe with Upgraph Combination
Sasu Tarkoma, Markku Antikainen

A Hybrid Overlay Multicast and Caching Scheme for Information-Centric Networking
Konstantinos V. Katsaros, George Xylomenos, George C. Polyzos

CONIC: Content-Oriented Network with Indexed Caching
Yuncheng Zhu, Maoke Chen, Akihiro Nakao
Secure Naming for a Network of Information
Christian Dannewitz, Jovan Golic, Börje Ohlman, Bengt Ahlgren

Correlating Spam Activity with IP Address Characteristics
Christopher Wilcox, Christos Papadopoulos, John Heidemann

Changing the Economics of Ticket Robots with Geographic Proof-of-Work
Ed Kaiser, Wu-Chang Feng

Unsupervised Ensemble Anomaly Detection through Time-Periodical Packet Sampling
Shuichi Nawata, Masato Uchida, Yu Gu, Masato Tsuru, Yuji Oie
Network Measurements
Chair: Christos Papadopoulos

Today's Usenet Usage: NNTP Traffic Characterization
Juhoon Kim, Fabian Schneider, Bernhard Ager, Anja Feldmann 13:30 – 13:52

A View from Inside a Distributed Internet Coordinate System
Mohamad Jaber, Cao-Cuong Ngo, Chadi Barakat 13:53 – 14:15

Revisiting Cacheability in Times of User Generated Content
Bernhard Ager, Juhoon Kim, Fabian Schneider, Anja Feldmann 14:15 – 14:27

Distributed Partial Inference under Churn
Sriharsha Gangam, Sonia Fahmy 14:28 – 15:00
Interdomain Routing & Traffic
Chair: Rod van Meter

On the Diversity, Stability and Symmetry of End-to-End Internet Routes
Yaron Schwartz, Yuval Shavitt, Udi Weinsberg

Evasive Internet: Reducing Internet Vulnerability Through Transient Addressing
Michael Rabinovich, Oliver Spatscheck

Incentive-Informed Inter-Domain Multicast
Jarno Rajahalme

MPSS: Multiprotocol Stateless Switching
András Zahemzsky, Petri Jokela, Mikko Särelä, Sami Ruponen, James Kempf, Pekka Nikander