

13th IEEE Global Internet Symposium

NOKIA

Tilman Wolf University of Massachusetts

**Lars Eggert Nokia Research Center &
Aalto University**

**San Diego, CA, USA
March 19, 2010**

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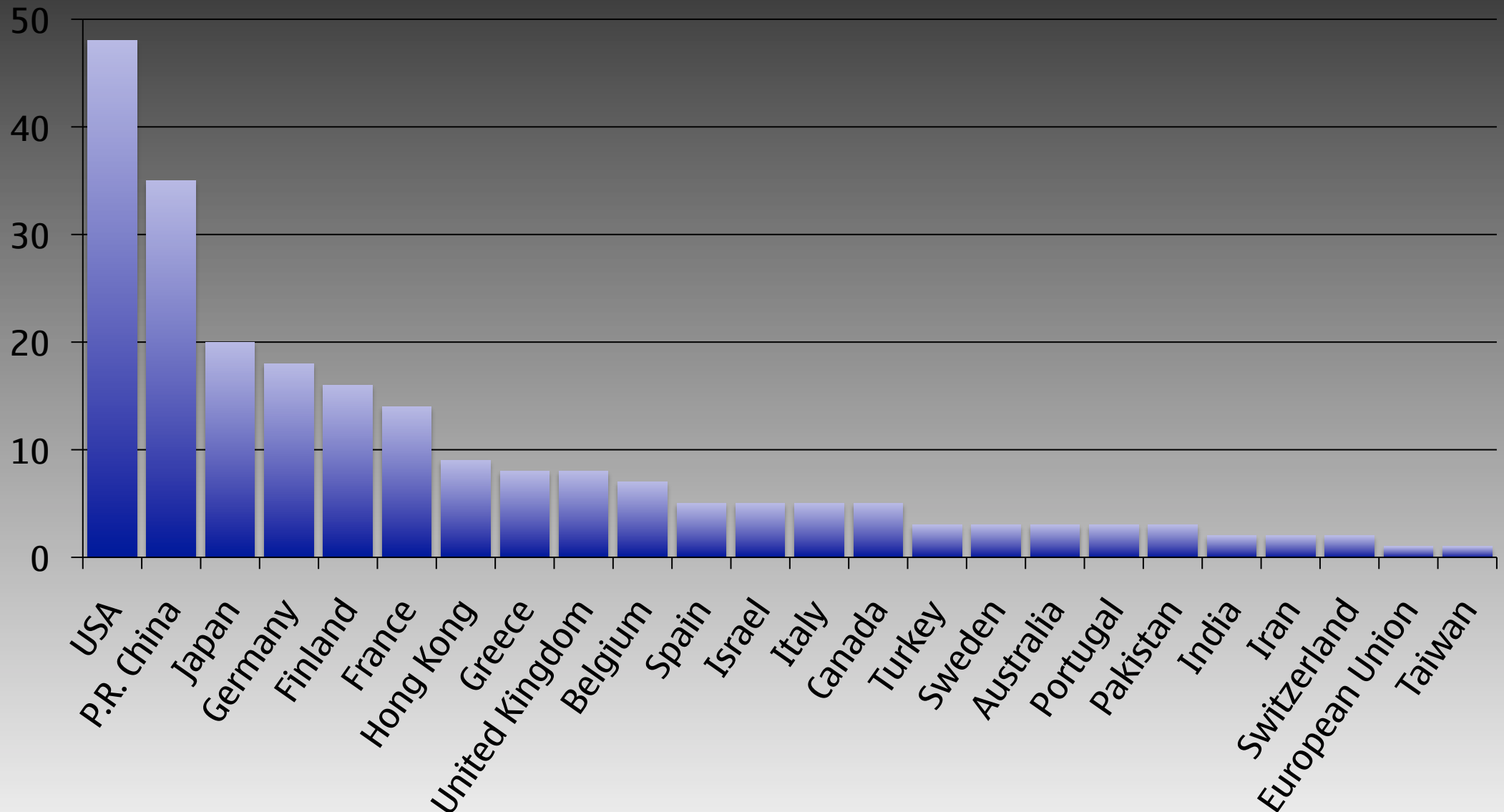
Georg Carle

Deep Medhi

Henning Schulzrinne

Dinesh Verma

Author Breakdown – Registered Papers



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

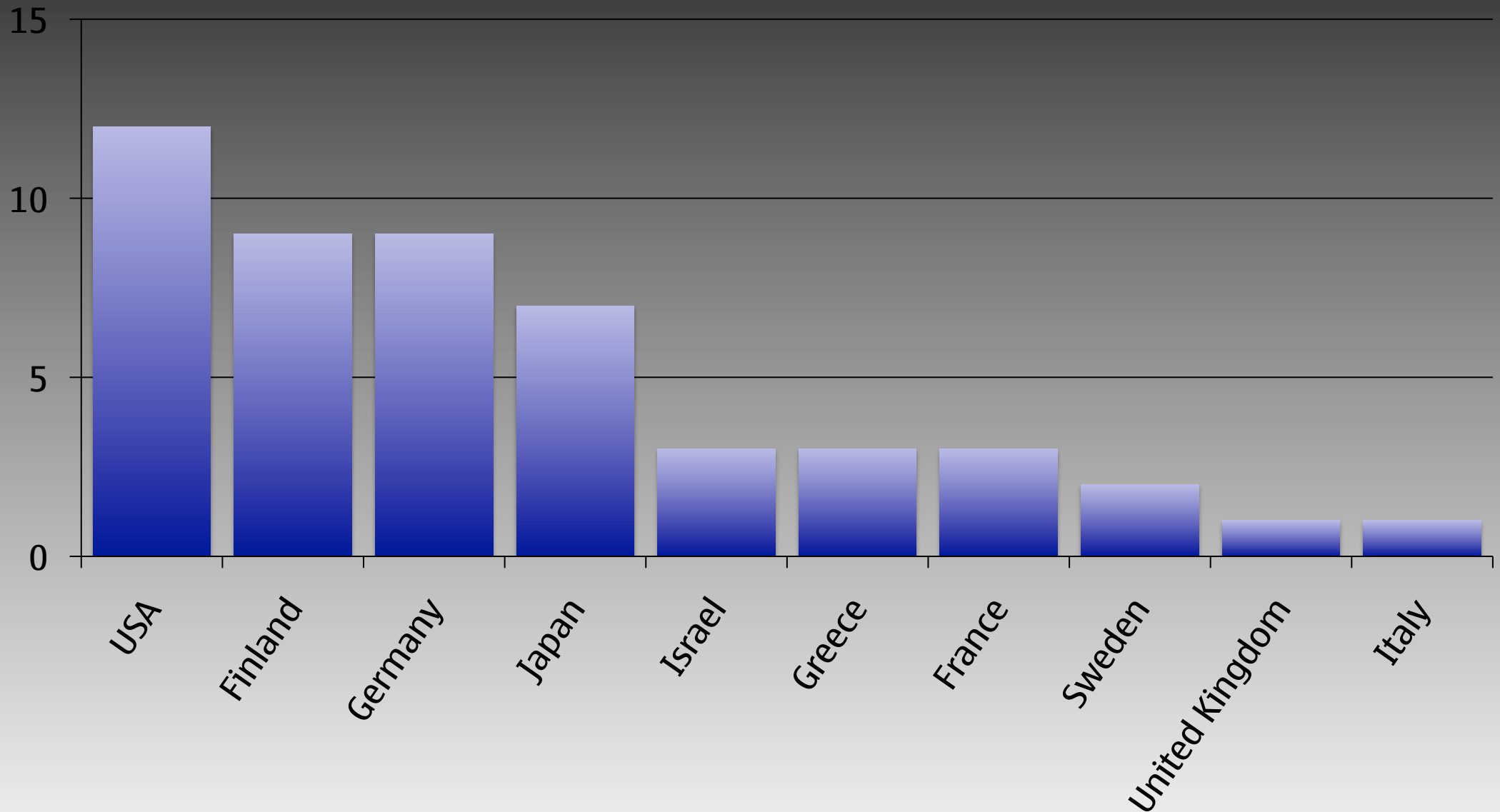
half could be delegated (24 were)

192 total reviews

avg. review ~1618 characters

accepted 16 out of 73 = ~21%

Author Breakdown – Accepted Papers



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 IEEEExplore.

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

Future Internet & Pub/Sub

Innovation and the Next Generation Internet

8:30 – 8:52

James Kempf, Pekka Nikander, Howard Green

Canopy: Publish/Subscribe with Upgraph
Combination

8:53 – 9:15

Sasu Tarkoma, Markku Antikainen

A Hybrid Overlay Multicast and Caching Scheme
for Information-Centric Networking

9:15 – 9:27

Konstantinos V. Katsaros, George Xylomenos, George C. Polyzos

CONIC: Content-Oriented Network with Indexed
Caching

9:28 – 10:00

Yuncheng Zhu, Maoke Chen, Akihiro Nakao

Internet Security

Chair: Joe Touch

Secure Naming for a Network of Information

10:30 – 10:52

Christian Dannewitz, Jovan Golic, Börje Ohlman, Bengt Ahlgren

Correlating Spam Activity with IP Address
Characteristics

10:53 – 11:15

Christopher Wilcox, Christos Papadopoulos, John Heidemann

Changing the Economics of Ticket Robots with
Geographic Proof-of-Work

11:15 – 11:27

Ed Kaiser, Wu-Chang Feng

Unsupervised Ensemble Anomaly Detection
through Time-Periodical Packet Sampling

11:28 – 12:00

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

15:30 – 15:52

Yaron Schwartz, Yuval Shavitt, Udi Weinsberg

Evasive Internet: Reducing Internet Vulnerability Through Transient Addressing

15:53 – 16:15

Michael Rabinovich, Oliver Spatscheck

Incentive-Informed Inter-Domain Multicast

16:15 – 16:27

Jarno Rajahalme

MPSS: Multiprotocol Stateless Switching

16:28 – 17:00

András Zahemszky, Petri Jokela, Mikko Särelä, Sami Ruponen, James Kempf, Pekka Nikander