14th IEEE Global Internet Symposium

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Organisation

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Review and Acceptance Process

- Single-blind review process
- 26 TPC members
- At least 3 reviews per paper

- 35 submissions
- 14 accepted (40%)

Year	Submitted	Accepted
2006	66	22 (33%)
2007	42	15 (35%)
2008	43	15 (35%)
2009	36	12 (33%)
2010	73	16 (22%)
2011	35	14 (40%)

Proceedings

- Technical programme and papers available online: http://www.dcs.gla.ac.uk/conferences/gi2011/

  - If you'd like your presentation slides to be made available, please email them to gi2011-chairs@maillists.intel-research.net

- All papers will appear in IEEExplore and Infocom proceedings after the symposium

Programme

08:30–10:00   Network Architecture

Chair: Daniel Massey

10:00–10:30   Break

10:30–12:00   Applications

Chair: Saleem Bhatti

12:00–13:30   Lunch

13:30–15:00   Security and Reachability

Chair: Colin Perkins

15:00–15:30   Break

15:30–18:00   Routing

Chair: Christos Papadopoulos

Presenters – please sign the IEEE form, and contact your session chair in advance

Network Architecture

08:30–09:00   Towards a Push-Scalable Global Internet

Sachin Kumar Agarwal

09:00–09:30   Reducing DNS Caching

Saleem Bhatti, Randall Atkinson

09:30–10:00   CombiHeader: Minimizing the Number of Shim Headers in Redundancy Elimination Systems

Sumanta Saha, Andrey Lukyanenko, Antti Ylä-Jääski

Chair: Daniel Massey

Applications

10:30–11:00   Low-Rate Flow-Level Periodicity Detection

Genevieve Bartlett, John Heidemann, Christos Papadopoulos

11:00–11:30   Augment SCTP Multi-Streaming with Pluggable Scheduling

Yaogong Wang, Injong Rhee, Sangtae Ha

11:30–12:00   Stir: Spontaneous Social Peer-to-Peer Streaming

Anh Tuan Nguyen, Baochun Li, Michael Welzl, Frank Eliassen

Chair: Saleem Bhatti

Security and Reachability

13:30–14:00   Improving the Performance of Intrusion Detection using Dialog-based Payload Aggregation

Tobias Limmer, Falko Dressler

14:00–14:30   Fast and Scalable Method for Resolving Anomalies in Firewall Policies

Hassan Gobjuka, Kamal Ahmat

14:30–15:00   IP Reachability Differences: Myths and Realities

He Yan, Benjamin Say, Brendan Sheridan, David Oko,
Christos Papadopoulos, Dan Pei, Daniel Massey

Chair: Colin Perkins

Routing

15:30–16:00   **Stabilizing BGP Routing without Harming Convergence**

Xiaoqiang Wang, Olivier Bonaventure, Peidong Zhu

16:00–16:30   **Understanding BGP Next-hop Diversity**

Jaeyoung Choi, Jong Han Park, Pei-chun Cheng, Dorian Kim, Lixia Zhang

16:30–17:00   **Exploiting BGP Scoping Services to Violate Internet Transit Policies**

Pierre Francois, Paolo Lucente

17:00–17:30   **Compact Routing on the Internet AS-Graph**

Stephen D. Strowes, Graham Mooney, Colin Perkins

17:30–18:00   **Minimum Disclosure Routing for Network Virtualization**

Masaki Fukushima, Teruyuki Hasegawa, Toru Hasegawa, Akihiro Nakao

Chair: Christos Papadopoulos