Call for Papers (full CFP at http://conferences2.sigcomm.org/imc/2015/cfp.html)

The Internet Measurement Conference (IMC) is a highly selective venue for the presentation of measurement-based research in data communications. The focus of IMC 2015 will be on papers that either (1) improve the practice of measurement or (2) illuminate some facet of an operational network. IMC takes a broad view of what constitutes an operational network. This view includes (but is not limited to):

- the Internet backbone and edge networks (e.g., home networks, cellular networks, WLANs)
- data centers and cloud computing infrastructure
- peer-to-peer and content distribution networks
- infrastructure for online social networks
- experimental networks affiliated with the Internet (e.g., overlay networks, future internets or other prototype networks)

Types of contributions that the program committee would enjoy receiving submissions regarding include (but are not limited to):

- collection and analysis of data that yield new insights about network structure and behavior
- methods and tools to monitor and visualize network-based phenomena
- systems and algorithmic techniques that leverage measurement-based findings in novel ways
- advances in data collection and handling (e.g., anonymization, querying, storage, facilitating sharing)
- modeling of network structure and behavior (e.g., workload, scalability, assessment of performance bottlenecks)
- reappraisal of previous empirical findings

Papers describing experiments with users or user data (e.g., network traffic, passwords, social network information), should follow the basic principles of ethical research. Please see the full CFP for additional details. Authors unsure about topical fit or ethical issues are welcome to contact the program committee co-chairs at imc2015chairs@sigcomm.org
Review process and criteria

IMC 2015 invites two forms of submissions: Full papers (up to 14 pages) that describe original research, with succinctness appropriate to the topics and themes they discuss. Short papers (up to 6 pages for text and figures + up to 1 page for references) that convey work that is less mature but shows promise, articulate a high-level vision, describe challenging future directions, critique current measurement wisdom, or offer results that do not merit a full submission.

IMC 2015 will bestow two awards. One award will recognize the outstanding paper at the conference, and all accepted papers are eligible for it. The other award will recognize a paper that contributes a novel dataset to the community. To be eligible for this award, the authors must make their dataset publicly available.


| Paper registration (with abstract): | April 29, 2015, 5pm US Pacific Time |
| Paper submission:                  | May 6, 2015, 5pm US Pacific Time |
| Notification:                      | July 24, 2015                   |
| Camera-ready due:                   | September 1, 2015              |

Organization

General Chairs: Kenjiro Cho (IIJ) & Kensuke Fukuda (NII)
Program Chairs: Neil Spring (UMD) & Vivek Pai (Google/Princeton)
IMC Steering Committee: Mark Allman (ICSI), Ratul Mahajan (MSR), Renata Teixeira (INRIA)

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