

Internet Measurement Conference 2014

November 5-7, 2014
Vancouver, BC, Canada
<http://conferences.sigcomm.org/imc/2014>



Sponsored by ACM SIGCOMM and ACM SIGMETRICS

Call for Papers

The Internet Measurement Conference (IMC) is a highly selective venue for the presentation of measurement-based research in data communications. The focus of IMC 2014 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)

Types of contributions include (but are not limited to):

- collection and analysis of data that yield new insights about network structure and behavior (e.g., traffic, topology, routing, privacy, security, energy use, economics, application mix and interaction with network protocols)
- methods and tools to monitor and visualize network-based phenomena
- systems and algorithmic techniques that leverage measurement findings in novel ways
- advances in data collection and handling (e.g., anonymization, querying, facilitating sharing, storage)
- modeling of network structure and behavior (e.g., workload)
- reappraisal of previous empirical findings

Authors should contact the program chairs (imc14chairs@cs.wisc.edu) if they are unsure about scope.

Review process and criteria. We invite 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 2014 will bestow two awards – one recognizing the outstanding paper at the conference, and one recognizing a paper that contributes a novel dataset to the community. To be eligible for this latter award, the authors must make their dataset publicly available.

Submission site: <https://imc2014.cs.wisc.edu/hotcrp>. Details regarding paper submission will be posted soon at the conference website: <http://conferences.sigcomm.org/imc/2014>

Paper registration (with abstract):	April 30th, 2014
Paper submission:	May 7th, 2014
Notification:	July 25th, 2014
Camera-ready due (tentative):	Sept. 5th, 2014

IMC 2014 General chair: Carey Williamson (U. Calgary)

IMC 2014 Program chairs: Aditya Akella (UW-Madison), Nina Taft (Technicolor)

IMC Steering Committee: Mark Allman (ICSI), Chen-Nee Chuah (UC Davis), Jim Kurose (U. Massachusetts), Ratul Mahajan (MSR), Renata Teixeira (INRIA)