

IMC 2005

INTERNET MEASUREMENT CONFERENCE 2005

October 19–21, 2005
New Orleans, LA, USA

Sponsored by ACM SIGCOMM
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ANNOUNCEMENT & CALL FOR PAPERS

<http://www.usenix.org/events/imc05/cfp>

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IMPORTANT DATES: Registration of paper title and 250-word abstract due: May 6, 2005, 9:00 p.m. PDT
Full papers due: May 13, 2005, 9:00 p.m. PDT
Notification of acceptance: July 15, 2005
Camera-ready final papers due: August 10, 2005

OVERVIEW: The 2005 Internet Measurement Conference (IMC 2005) is a two and one-half day event focusing on Internet measurement and analysis, following on the success of four previous IMCs. We welcome the submission of papers that contribute to our understanding of how to collect or analyze Internet measurements, or give insight into how the Internet behaves. More generally, measurement-based studies of IP-based networks and network technologies are of interest.

TOPICS: Examples of relevant topics include measurement-based studies of:

- Network structure and topology
- Network modeling
- Traffic analysis
- Network security threats and countermeasures
- Traffic engineering
- Data-centric issues, including anonymization, querying, and storage
- Inter-domain and intra-domain routing
- Software tools and systems in support of network measurement
- Intra-domain IP-based networks such as enterprise networks and campus networks
- Reappraisal of previous measurement findings
- Network inference and anomaly detection
- Network applications, including Web, multi-media streaming, and gaming
- CDN, peer-to-peer, and overlay networks
- Wireless LAN and WANs, and sensor networks as they relate to TCP/IP protocols and applications

Papers that do not in some fashion rely on measuring properties of IP networks are out of scope. Authors can contact the Program Co-Chairs at imc05chairs@usenix.org for clarification if they are unsure whether their paper is in scope.

SUBMISSION GUIDELINES: There are two forms of submissions:

- Full papers (up to 14 two-column pages) describing original research, with succinctness appropriate to the topics and themes they discuss.
- Short papers (up to 6 two-column pages), conveying, for example, work that is less mature but shows promise. Short papers will be subject to a 6-page limit in the Proceedings.

Submissions must be in electronic form, as Postscript or PDF documents. The submission must conform to the page limits stated above, and the main text body must be written in a 10-point (or larger) serif font. All manuscripts must be in English. Submissions that do not comply with these requirements will not be read. Detailed submission instructions are available on the Call for Papers Web site, <http://www.usenix.org/events/imc05/cfp>.

All full papers and short papers accepted for presentation will be published in the Conference Proceedings produced by USENIX. A few accepted papers may be forwarded for fast-track submission to the *IEEE/ACM Transactions on Networking*.

REGISTRATION MATERIALS: Complete program and registration information will be available in August 2005 on the conference Web site. The information will be in both HTML and a printable PDF file.