

Call for Papers

Workshop on Measurements Up and Down the STack

In conjunction with ACM SIGCOMM 2012

August 17, 2012, Helsinki, Finland

<http://conferences.sigcomm.org/sigcomm/2012/wmust.php>

<http://conferences.sigcomm.org/sigcomm/2012/wmust.html>

<http://www.cs.nott.ac.uk/~rmm/research/2012-wmust/cfp.txt>

<http://www.cs.nott.ac.uk/~rmm/research/2012-wmust/cfp.pdf>

Following the success of the first W-MUST workshop at SIGCOMM 2011, we are holding a second workshop this year. W-MUST aims to bring together researchers and practitioners in the networking and HCI communities to share new ideas and experiences addressing the challenges of measuring networked applications on end-user platforms for purposes related to performance, privacy, security, diagnosis, and troubleshooting. We are particularly interested in gathering context related to user activity or reflecting measurement-derived information to users. Work that solely considers network-level traces is out of scope. This workshop encourages work toward understanding how to gather the user view and correlate it with lower-level measurements.

We solicit short papers describing positions and work-in-progress that will generate lively discussion. Topics of interest include, but are not limited to:

- Incentivizing and providing feedback to users.
- Techniques for gathering individual user perspectives during measurement.
- Sampling users in the face of unpredictability.
- Data collection techniques that respect personalised user privacy.
- Correlating user experience with low level measurements.
- Disambiguating intentional from unintentional network activity.
- Disambiguating user-generated from non-user generated activity.
- Combining user, application, and network measurements on smartphone platforms.
- Exposing hidden activities, on the network and in the cloud, to users.
- Understanding tradeoffs in host data collection between performance impact and data quality.
- Annotating measurement of peoples' use of networked applications with context.

- Optimising network and system resources via context-aware user profiles.
- Quantifying user experience with both network-centric and user-centric metrics.
- Integration of formal and informal user-centric methodologies into measurement.

Submissions must be as PDF files no longer than 6 pages in length. They must include the authors' names and affiliations for single-blind peer reviewing by the program committee. Submissions must follow the formatting guidelines at <http://conferences.sigcomm.org/sigcomm/2012/>. Authors of accepted papers are expected to present their papers at the workshop. Submissions must be original work not under review at any other workshop, conference, or journal. **Detailed instructions how to submit your paper will be posted soon.**

Important Dates:

- Registration of abstract: 30 March, 2012
- Full paper submission: 6 April, 2012
- Acceptance notification: 16 May, 2012
- Camera-ready: 1 June, 2012
- Workshop Date: 17 August, 2012

PC Co-chairs:

- Marshini Chetty (Georgia Tech)
- Richard Mortier (University of Nottingham)

Program Committee Members:

- Suman Banerjee (University of Wisconsin)
- AJ Brush (Microsoft Research Redmond)
- Fabian Bustamante (Northwestern University)
- Sean Goggins (Drexel University)
- Tristan Henderson (University of St. Andrews)
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