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.

1

- 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. Papers should be submitted via the submission site, `http://conferences.noise.gatech.edu/WMUST2012/`.

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)

- Thomas Karagiannis (Microsoft Research Cambridge)

- Janne Lindqvist (Rutgers University)

- Nina Taft (Technicolor)

- Renata Texeira (CNRS)