WNM

IEEE Workshop on Network Measurements

The 7th IEEE Workshop on Network Measurements (WNM)
In conjunction with IEEE LCN 2013
http://wnm2013.csis.mtroyal.ca/

Workshop Chairs

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IMPORTANT DATES
PAPERS DUE:
MAY 12, 2013
AUTHOR NOTIFICATION:
JUNE 30, 2013
CAMERA-READY:
JULY 30, 2013
WORKSHOP DATE:
OCTOBER 24, 2013

Welcome to IEEE WNM 2013

The 7th IEEE Workshop on Network Measurements (WNM) invites participants actively engaged in all aspects of network measurements. As computer networks are becoming more complex and diverse in terms of architecture, services, and devices, the importance of measurement increases. Network measurements are crucial for operation, diagnosis, and characterization of complex networks, especially emerging and fast-growing ones, such as broadband wireless, mobile, home, data centers, WSN and various heterogeneous networks ('Hetnets').

Operators of fast-growing non-traditional networks are facing new challenges as cross-layer interactions of traditional protocols exhibit new behaviors. With emerging cloud, over-the-top and mobile services and applications, performance monitoring, anomaly detection and diagnosis becomes more difficult. In addition, fully understanding the impact of new services and applications on existing traditional networks is needed for planning and provisioning purposes. Inferring user experience from network measurements has been a long-standing challenge, which remains with cloud and mobile services growing.

With rapid evolution of networking technologies and architectures, the measurement community can offer invaluable insights and improve understanding where lacking, especially in cases where validation of existing results is needed.

WNM is seeking original submissions that cover a broad range of topics in monitoring, measurement and analysis across wired and wireless networks:

♦ Measurement tools, techniques, design, and evaluation
♦ Evaluation of Internet and smart-phone applications
♦ Measurement across the network protocol stack
♦ Measurement related to performance, reliability, security and privacy
♦ Data centers, cloud-based services and content distribution networks
♦ Measurement-based monitoring and troubleshooting of large-scale distributed systems, including cloud infrastructures
♦ Monitoring and measurement of home networks
♦ Network and service resiliency and performance during and after disasters and man-made outages natural
♦ Evaluation of emerging paradigms for traditional services (e.g. moving from circuit-switched phone to VoIP)
♦ Design, development and experiences with Big Data platforms and analytics
♦ Assessment of previous measurement works

Paper Submission

The workshop seeks novel, previously unpublished papers, which are not currently under review by another conference, workshop, or journal. All submissions should be in PDF format, written in English with a maximum paper length of **eight printed pages** (IEEE Transactions style double-column format, 10pt font size), including figures.

The paper should include a brief abstract of up to 150 words. The submission will be handled via EDAS. The accepted papers will be published in the conference proceedings and will be available via the IEEE Xplore website. Please refer to workshop website for details: