



IEEE QuEST10



Submission Deadline

Extended: Nov. 30, 2009

The 2010 IEEE International Workshop on Quantitative Evaluation of large-scale Systems and Technologies

in conjunction with IEEE AINA 2010

Perth, Australia – April 20-23, 2010

<http://www.ece.uvic.ca/~kinli/QuEST10>

Organising Committee

Kin Fun Li, University of Victoria, Canada
Rick McGeer, Hewlett Packard Laboratories, USA
Stephen Neville, University of Victoria, Canada
Hayato Yamana, Waseda University, Japan

Program Committee

An international panel has been established

Conference URL

<http://www.ece.uvic.ca/~kinli/QuEST10>

Conference Contact

QuEST@ece.uvic.ca

Important Dates

Paper Submission: ~~November 22, 2009~~
Extended to: November 30, 2009

Author Notification: ~~December 6, 2009~~
Extended to: December 15, 2009

Author Registration Due: January 15, 2010
Final Manuscript Due: January 15, 2010

Introduction

Modern society has become intrinsically dependent on large-scale distributed information and networking systems. These systems' availability, reliability, dependability, security, and privacy, all lend support to many core societal needs including: critical utility infrastructure, finance and banking, health services, production and manufacturing, leisure and entertainment, and e-Government. Improving our ability to engineer such systems requires a good understanding of how they behave at-scale in the real world. Unfortunately, resource constraints have generally restricted research from pursuing such evaluation and testing work. Recently, test beds in the order of 100-node have become relatively commonplace, and combined with the development of larger-scale platforms such as EmuLab and DETER, they have advanced our knowledge considerably.

Scope and Interests

Following the success of QuEST10 in Bradford England, this workshop focuses on the issues, requirements, and tools to support real-world representative at-scale testing, and results obtained through such testing efforts. Statistically representative quantitative measures and evaluations required for the development and assessment of large-scale systems and applications are of particular interest. Original research works addressing the state-of-the-art large-scale system testing, evaluation and behavioural prediction are solicited.

Submission Information

Original full paper of at most 6 (six) pages including figures and references in PDF (IEEE Proceedings Style: two columns, single-spaced, 10 fonts) should be submitted through <http://www.ece.uvic.ca/~kinli/QuEST10>. Submission of a paper should be regarded as a commitment that, if the paper is accepted, at least one of the authors will register and present at the conference. Accepted papers will be published by the IEEE Conference Publishing Services (CPS) and archived in the Digital Library.