The First GENI Research and Educational Experiment Workshop

Jointly with the 13th GENI Engineering Conference (GEC 13)
Los Angeles, CA

March 2012

The Global Environment for Network Innovation (GENI) infrastructure is becoming a mature virtual laboratory for exploring future Internet at-scale. It supports at-scale experimentation on shared and heterogeneous GENI resources among multiple users, permits users to do deep programmability throughout the network, and offers collaborative and exploratory environments for innovative research and education. More and more researchers, educators, and students have started or are starting to conduct research and educational experiments on the GENI infrastructure. NSF has sponsored more than 15 GENI experiment projects since September 2010.

This is a one-day workshop jointly with GEC 13 in Los Angeles. It is to give a recent progress and future direction of GENI from an experimenter's point of view, inspire researchers and students to conduct experiments on multiple GENI resources, and provide a communication channel among GENI experimenters and between GENI developers and GENI experimenters for a better understanding of multiple GENI resources and the shaping of the GENI development plans through their sharing of experiment experiences. It is expected that the workshop would tentatively include paper presentations, a keynote speech, an experimenter panel/open discussion, and tutorial on GENI components.

We will strongly encourage participations not only from current GENI developers and experimenters but also from researchers and students not previously involved in GENI but wishing future GENI projects and/or requests for NSF/BBN funding to build a larger community of researchers and students using the GENI infrastructure. The workshop will benefit to GENI developers for the shaping of their GENI development plans, existing GENI experimenters for a better understanding of GENI resources, and new comers for future GENI projects and funding.

We are soliciting both GENI related research and educational papers in any area of computer science and GENI resource tutorials. The research papers may include regular papers that report research results based on GENI experiments and short papers that report work-in-progress by a use of GENI resources. The educational papers may include, but are not limited to, curriculum and lab developments by a

use of the GENI infrastructure. GENI resource tutorials will guide experimenters to use existing and new GENI resources.

Partial travel support from BBN-GPO/NSF may be available.

Important Dates:
- Paper submission deadline: 1/15/2012
- Acceptance notification: 2/15/2012
- Workshop: March 2012 jointed with GEC 13

Submission Instructions

Format of Manuscript: All submissions should follow the IEEE 8.5" x 11" Two-Column Format. Paper submissions should not be more than 8 pages and tutorial submissions should not be more than 2 pages.

Send your submission in PDF or questions to GENI-workshop2012@rit.edu.

Workshop Co-Chairs
TBA

Workshop Committee
TBA

Workshop sponsors

BBN-GENI Program Office
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