

The Second GENI Research and Educational Experiment Workshop (GREE2013)

**Co-located with the 16th GENI Engineering Conference (GEC 16)
University of Utah, UT**

March 2013

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.

Following the successful first GENI Research and Educational Experiment Workshop (GREE2012), the second GREE Workshop will be a one-day workshop (GREE2013), co-located with GEC 16 in March 2013 at the University of Utah. It will report recent progress and shed lights on future direction of GENI from an experimenter's point of view, and will inspire researchers and students to conduct experiments on multiple GENI resources. Furthermore, it will provide a communication channel among GENI experimenters, as well as between GENI developers and GENI experimenters, for a better understanding of multiple GENI resources. It is expected that the workshop would include a keynote speech, paper presentations, an experimenter panel/open discussion, and tutorials and demos on GENI components.

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

While papers that use GENI wireless resources are particularly welcome in the workshop, we solicit GENI related research and educational papers in **any area** of computer science as well as GENI resource tutorials. The research papers may be regular papers that report research results based on GENI experiments or short papers that report work-in-progress that use GENI resources. The educational papers may include, but are not limited to, curriculum and lab developments to use

GENI infrastructure. GENI resource tutorials will guide experimenters to use existing and new GENI resources. All papers will go through a thorough review process by experienced researchers that will provide constructive feedbacks. Furthermore, all accepted papers will be **indexed by IEEE or ACM**. We will also offer a **best paper award**.

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

Important Dates:

- Paper submission deadline: 1/6/2013
- Acceptance notification: 2/15/2013
- Workshop: March, 2013 (co-located with GEC 16)

Submission Instructions

Format of Manuscript: All submissions should follow the IEEE 8.5" x 11" Two-Column Format. Research/education regular paper submissions should not exceed 8 pages, while short paper submissions should not exceed 4 pages. Tutorial submissions should not exceed 2 pages.

Keynote Speaker

Dr. Dipankar Raychaudhuri, Director of WINLAB, Rutgers University

Workshop Co-organizers

Kaiqi Xiong (Rochester Institute of Technology)

Yong Guan (Iowa State University)

Yin Pan (Rochester Institute of Technology)

Bing Wang (University of Connecticut)

Mark Berman (BBN-GPO)

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Workshop Committee (TBD)

Workshop sponsors

BBN-GENI Program Office/National Science Foundation

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