

The 3rd GENI Research and Educational Experiment Workshop
(GREE 2014)

Held in conjunction with GEC19,
Atlanta, GA, USA, March 19-20, 2014

<http://groups.geni.net/geni/wiki/APRAGENI/GREE2014>

Call for Papers

The Global Environment for Network Innovations (GENI) [<http://groups.geni.net/geni/wiki>] is a suite of research infrastructure rapidly taking shape across the United States. GENI provides a virtual laboratory for networking and distributed systems research and education. It is well suited for exploring networks at scale thereby promoting innovations in network science, security, services and applications. Over a thousand experimenters are using GENI for research and education and their numbers continue to grow rapidly.

The third GREE Workshop (GREE 2014) will run from noon March 19 to noon March 20, co-located with GEC19 in Atlanta, GA. As with previous successful GREE workshops (GREE2012 in Los Angeles, California and GREE2013 in Salt Lake City, Utah), this workshop will aim to inspire researchers and students to use GENI in novel and interesting ways. The workshop will also foster communication between GENI experimenters and GENI developers. The workshop will include a keynote speech, paper presentations, an experimenter panel/open discussion, tutorials and demos.

We strongly encourage participations not only from current GENI developers and experimenters, but also from researchers not previously involved in GENI but are interested in using it for research and education. We wish to build a larger community of researchers and students using the GENI infrastructure.

We solicit GENI related research and education papers in all areas. We welcome "regular papers" that report research results as well as "short papers" that report on-going work and may not be complete. Topics of interest include, but are not limited to:

- * Novel protocol research and experimentation
- * Network security related experiments
- * Software defined networking
- * GENI-based courseware and tutorials
- * Experiences using GENI in the classroom
- * Novel GENI tools and services for experimenters and operators
- * Design of experiments
- * Federating GENI with other testbeds

We are also interested in proposals for tutorials that might be of interest to GENI experimenters. For tutorial proposals please email GREEworkshop@gmail.com.

All papers will go through a thorough review process by experienced researchers who will provide constructive feedback. Furthermore, all accepted papers will be submitted for **indexing by IEEE** Conference Publishing Services (CPS).

GREE 2014 will offer awards to the **best research and best education papers** in the workshop program.

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

Important Dates

Abstract submission deadline: 1/6/2014

Paper submission deadline: 1/10/2014

Acceptance notification: 2/10/2014

Final pre-workshop paper: 3/10/2014

Final camera-ready paper: 4/1/2014

Workshop: noon March 19 to noon March 20, 2014 (co-located with GEC 19)

Submission Instructions

Format of Manuscript: All submissions should follow the IEEE standard 8.5" x 11" two-column format

(http://www.ieee.org/conferences_events/conferences/publishing/templates.html).

Research/education regular paper submissions should not exceed 8 pages, while short paper submissions should not exceed 4 pages.

All the papers should be submitted through EasyChair system (<https://www.easychair.org/conferences/?conf=gree2014>).

If you have questions, you can contact us at: GREEworkshop@gmail.com.

Workshop Co-organizers

Mark Berman (BBN-GPO)

Yong Guan (Iowa State University)

Yin Pan (Rochester Institute of Technology)

Niky Riga (BBN-GPO)

Vicraj (Vic) Thomas (BBN-GPO)

Bing Wang (University of Connecticut)

Kaiqi Xiong (Rochester Institute of Technology)

Workshop Program Committee

Jay Aikat (UNC)

Jeannie Albrecht (Williams College)
Mark Berman (BBN-GPO)
Prasad Calyam (University of Missouri)
Jim Chen (Northwestern University)
James Griffioen (University of Kentucky)
Yong Guan (Iowa State University)
Deniz Gurkan (University of Houston)
Rick McGeer (HP Labs)
Yin Pan (Rochester Institute of Technology)
Niky Riga (BBN-GPO)
Vicraj (Vic) Thomas (BBN-GPO)
Bing Wang (University of Connecticut)
Kuang-Ching Wang (Clemson University)
Kaiqi Xiong (Rochester Institute of Technology)
Michael Zink (University of Massachusetts)

Contact Information

Please send inquiries to GREEworkshop@gmail.com.

Workshop Sponsors

BBN-GENI Program Office/National Science Foundation