

The Second GENI Research and Educational Experiment Workshop (GREE2013)

Welcome Message

Welcome to the second GENI Research and Educational Experiment Workshop!

The Global Environment for Network Innovation (GENI) infrastructure has been becoming a more and more 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 deep programmability throughout the network, and offers collaborative and exploratory environments for innovative research and education. We have witnessed a significant growth of the GENI community for the past several years. 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 the first round of GENI experimenters for testing their innovated research ideas and developing related educational experiments on various GENI resources since September 2010.

This year, we have continued the success of the first GENI Research and Educational Experiment Workshop (GREE2012)! We have accepted 21 papers, including eight full papers, eleven short papers, and two work-in-progress papers. The technical program contains a good mixture of research and educational papers, achieving the goal of the workshop to promote both GENI related research and education. All the papers went through a rigorous review process. Authors with accepted papers were required to carefully address the comments from the reviewers and submit their final paper with a revision summary. We thank all the authors for their nice contributions to the workshop and their careful consideration of review comments in their final versions. We are also deeply grateful to the workshop technical program committee consisting of Jay Aikat, Jeannie Albrecht, Mark Berman, Yong Guan, Rick McGeer, Yin Pan, Niky Riga, Kuang-Ching Wang, Kaiqi Xiong and Michael Zink for their valuable time and great efforts in providing thorough and constructive feedback to the authors.

It is our great honor to have Mark Berman delivering the opening remarks and Dipankar Raychaudhuri delivering the keynote speech. We greatly appreciate Bryan Lyles for providing NSF advices for new GENI experimenters and our panelists, Jay Aikat, Rick McGeer, Dipankar Raychaudhuri, Niky Riga, Matt Strum and Yufeng Xin, for leading insightful discussions on GENI experiments. We also thank all session chairs, Harry Mussman, Niky Riga, Vicraj Thomas, Rick McGeer, Kaiqi Xiong and Justin Cappos, and our tutorial speakers Victor J. Orlikowski and Yufeng Xin , for their contributions to the workshop. Our special thanks go to Henry Yeh, GPO's

project manager, Mark Berman and Niky Riga from GPO, and Robert Ricci, host of GEC16, for their support and advice on various organization and logistics issues of the workshop. Our special thanks also go to Chip Elliott for his encouragement, constant support and inspiration. We also thank Ilia Baldine for coordinating the tutorial, and Suzanne Iacono, Jeff Forbes, and Erwin Gianchandani for their enthusiastic support. In addition, we thank several student volunteers for their help with the workshop. Last but not least, we thank GPO/NSF for sponsoring the workshop.

We truly hope that you will find this workshop to be an interesting, enriching, and informative experience. In closing, we look forward to working with all of you to continue the GENI Research and Educational Experiment Workshops.

Sincerely yours,

Bing Wang

On behalf of the Workshop Organizing Committee:

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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