NetSciEd Satellite Symposium @ NetSci2012

The International School and Conference on Network Science (NetSci2012) brings together leading researchers, practitioners, and teachers in network science (including analysts, modeling experts, visualization specialists, and others). The conference focuses on novel directions in networks research within the biological and environmental sciences, computer and information sciences, social sciences, finance and business. This event takes place annually and has fostered a burgeoning research network and community of practitioners.

In anticipation of preparing the next generation of network scientists; as well as addressing the urgent needs in improving STEM education overall, we are hosting the first symposium to specifically address how network science will transform STEM education in the coming years. The Satellite Symposium Education-Infuse Network Science into K-12 and Undergraduate Education (NetSciEd) will include preeminent speakers from education practice and research as well as the network science community, culminating in a highly interactive panel discussion to determine directions in support of research and practice in the use of network science to improve education. Proposed topics include:

- Network Science in K-16 Practice and Policy
- Network Science in Informal Education
- New Directions in Learning Science
- Developing Metrics for Effective Educational Collaboration Networks

A white paper will be developed from the input of all participants to characterize the session and be used to help communicate ideas and needs of the educational community to academic and government decision- and policy-makers.


In addition to invited speakers, we have room for a number of contributed talks. Forward your abstracts by the end of February so we can make sure your voice is included in this important event. For questions or to submit abstracts, please e-mail Stephen Uzzo at suzzo@nysci.org.

Organizers:
Albert-László Barabási Northeastern University and Harvard Medical School, USA
Hiroki Sayama, Binghamton University, State University of New York, USA
Gene Stanley, Boston University, USA
Paul Trunfio, Boston University, USA
Stephen Uzzo, New York Hall of Science, New York City, USA