

LCN 2008

Keynote Presentations

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GENI - Global Environment for Network Innovations

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This talk introduces GENI, the National Science Foundation's ambitious plan to build a national infrastructure suite to enable research into Network Science and Engineering for future global communications networks.

GENI has just entered Spiral 1, a new stage in its development. Early prototyping is now beginning, which will offer illumination into its construction plans and research potential. The first round of software, hardware, and trial facilities are now being built by academic and industrial research teams.

This talk presents current plans for GENI, but leaves plenty of time for discussion and brain-storming, both for the eventual infrastructure suite and for prototypes that will be built in the coming year.

About the Speaker: Chip Elliott is Project Director for GENI, a national-scale experimental facility being created by the National Science Foundation for "clean slate" research in global networking. He is Chief Engineer at BBN Technologies and an AAAS Fellow and IEEE Fellow with over 85 patents issued and pending. Mr. Elliott has served on many national panels and has held visiting faculty positions at Dartmouth College, Tunghai University in Taiwan, and the Indian Institute of Technology, Kanpur.