Sept. 18: Daniel S. Katz, Software as Infrastructure at the National Science Foundation

SYNOPSIS:

Cyberinfrastructure is essential in both "big" science as well as "long-tail" science. Software is a key part of cyberinfrastructure. The National Science Foundation (NSF) has a vision for its role in software as infrastructure, such as foundational research into new software, support of existing software, and community- and user-based application of software, including policy and education issues. The Division of Advanced Cyberinfrastructure (ACI) plays a role in every part of this vision, primarily through the Software Infrastructure for Sustained Innovation program. In spite of this, there are still challenges and researchers at ACI are starting to develop potential solutions.

Session details...

BIO:

Daniel (Dan) S. Katz has 25 years of experience in scientific computing, engineering, geophysics, astronomy, and computer science including component models, languages, and visualization. He is a Senior Fellow in the Computation Institute at the University of Chicago and Argonne National Laboratory and is currently on assignment in the Division of Advanced Cyberinfrastructure (ACI) at the National Science Foundation (NSF). Dan is interested in the development and use of advanced cyberinfrastructure that can solve challenging problems at multiple scales. His technical research interests are in applications, algorithms, fault tolerance, and programming in parallel and distributed computing, including high-performance computing (HPC), Grid, and Cloud.

SUMMARY:

Topic: Software as Infrastructure at the National Science Foundation

Speaker: Dr. Daniel S. Katz

Date: Wednesday, September 18, 2013

Time: 11 AM – 12 PM

You are invited to watch Dr. Katz's presentation in Room 2W908 in the NCI Shady Grove Building on Medical Center Drive or via WebEx.

Presentation: A screen cast of the presentation will be available for viewing after the event here on our Speaker Series videos page and on the NCI's CBIIT Speaker Series YouTube Playlist .

About the NCI CBIIT Speaker Series:

The National Cancer Institute (NCI) Center for Biomedical Informatics and Information Technology (CBIIT) Speaker Series is a bi-weekly knowledge-sharing forum featuring both internal and external speakers on topics of interest to the biomedical informatics and research communities. For additional information, including past speaker series presentations, visit the CBIIT Speaker Series page.

Questions? Please email us at NCICBIITcomms@mail.nih.gov.

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