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Special Guest Lectures

Cyberinfrastructure Activities at NSF

Daniel S. Katz, National Science Foundation

Hosted by LONI with CCT as co-host

Johnston Hall 338
October 30, 2012 - 10:30 am

Abstract:

Cyberinfrastructure activities at NSF fall into a number of categories, including advanced computing infrastructure, data, learning and workforce development, networking, and software. This talk will discuss each of these areas, but will focus on software as typical of the other areas. The talk will also be interactive. It will try to explain how cyberinfrastructure efforts work across NSF science and engineering areas.

Speaker's Bio:

Daniel S. Katz is a Program Director in the software cluster in the Office of Cyberinfrastructure at NSF, and is also a Senior Fellow in the Computation Institute (CI) at the University of Chicago and Argonne National Laboratory, an affiliate faculty member at the Center for Computation and Technology (CCT), Louisiana State University (LSU), and Adjunct Associate Professor in the Department of Electrical and Computer Engineering at LSU. His NSF interests include issues related to sustainable software, such as open source community governance, metrics, attribution, and reproducibility. His research interests include: numerical methods, algorithms, and programming applied to supercomputing, parallel computing, cluster computing, distributed computing, and embedded computing; and fault-tolerant computing.