

## **CSI - Advanced Data Analysis and Computing Support for NSLS-II**

Kerstin Kleese van Dam  
Brookhaven National Laboratory

The Computational Science Initiative (CSI) at BNL is a newly formed directorate at BNL that brings together data science, numerical modeling, high throughput and high performance computing expertise across the Laboratory to develop and deploy novel data driven discovery tools in experimental environments. Key focus areas of its work are near real time data analysis and steering for experiments, numerical modeling of materials, chemical and biological structures and processes in support of experimental planning and interpretation; and multi-source data analysis across different experimental modalities and numerical modeling codes. In addition CSI provides extensive data storage, computing and networking resources to BNL facilities and their users. The talk will discuss the services CSI is offering and how NSLS II staff and users can access its services and staff.