Contribution ID: **82**   Type: **Software Demonstration**

Introduction to the OpCenter

Wednesday, 3 October 2018 15:30 (1h 30m)

Operations at National Synchrotron Light Source II (NSLS-II) require the coordination of many critical systems and subsystems. The majority of graphical user interfaces (GUIs) for these systems were developed individually as needed during the early stages of commissioning as the facility was coming online. As the NSLS-II has become an operational facility, however, ease of use has necessitated condensing much of the critical information from these GUIs into a single, cohesive interface that has been named the "OpCenter." The OpCenter is a tool available to all accelerator division personnel, but is used most by Operations staff, and runs on the Control System Studio (CSS) platform. It condenses information from the most commonly used critical systems into a palatable format with links that grant quick access to the corresponding expert interfaces. It is continually optimized as more hardware and applications are integrated into day-to-day operations. The OpCenter has drastically reduced the need for copious interfaces which traditionally required a higher demand on processing power and were often cumbersome to navigate. It has optimized diagnostics and recovery in the event of failures and helped improve overall reliability of the NSLS-II.

Primary author: RAINER, Robert (Brookhaven National Laboratory)

Presenter: RAINER, Robert (Brookhaven National Laboratory)

Session Classification: Poster Session & Software Demo

Track Classification: Operator Interface to Controls