Contribution ID: **116**   Type: **20-minute talk**

Updates on EPICS Deployment at NSLS-II

Tuesday, 25 April 2023 11:20 (20 minutes)

Apart from moving from Debian to RHEL as a baseline operating system, the NSLS-II facility has embraced a plethora of new powerful automation and orchestration tools. Changes to how we manage our systems have brought along new considerations and approaches in the areas of EPICS software packaging, distribution, IOC code management, and deployment. The talk covers updates in these areas, and outlines further opportunities to greater standardizing and automating. Specifically outlined are:
1. EPICS base, modules, and tools RPM creation, distribution, and licensing.
2. IOC code management via a monorepo, and specialized tools created to support the workflow.
3. Deployment of select EPICS applications.

Please select if talk will be in person or on zoom

In person

Primary author: DERBENEV, Anton (Brookhaven National Laboratory)

Co-authors: Mr HU, Yong (BNL); Mr WLODEK, Jakub (BNL); Mr SHROFF, Kunal (BNL); Mr SCHAFFER, Robert (BNL); Mr MAYTAN, Nate (BNL)

Presenter: DERBENEV, Anton (Brookhaven National Laboratory)

Session Classification: Plenary Session

Track Classification: Project Status Report