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Type: **20-minute talk**

## **NSLS-II HEX Beamline Motion Control with Power PMAC Controller**

*Thursday, 27 April 2023 13:20 (20 minutes)*

HEX (High Energy Engineering X-ray Scattering) beamline is the first beamline at NSLS-II to use Power PMAC controller as main motion controller. In this presentation, technical details from controller selection, configuration, feedback devices, coordinated motion, EPICS integration, GUI etc. will be discussed. Implementation examples on different beamline components like slits, mono, endstation etc. will be shared as well.

**Please select if talk will be in person or on zoom**

In person

**Primary author:** MA, Jun (BNL)

**Presenter:** MA, Jun (BNL)

**Session Classification:** Plenary Session

**Track Classification:** Motor Control