

Potential applications of MTCA at synchrotron beamlines

Wednesday 6 December 2023 16:00 (15 minutes)

Although MTCA is already well established for accelerator control systems, its use at synchrotron beamlines is still a novelty. DESY is currently planning to adopt the MTCA standard for experiment control and data acquisition at the new synchrotron radiation source PETRA IV.

In my talk I will present potential applications of MTCA in photon science. I will particularly highlight two important projects at DESY: The development of a MTCA based motion controller and a data acquisition system for energy dispersive detectors.

Primary author: TOLKIEHN, Martin (FS-PETRA-D (FS-PET-D Fachgruppe P24 (Chem.Cryst.)))

Presenter: TOLKIEHN, Martin (FS-PETRA-D (FS-PET-D Fachgruppe P24 (Chem.Cryst.)))

Session Classification: Session VI