

Automation in Beamline Control and Data Acquisition

Wednesday 16 January 2019 - Friday 18 January 2019

HZB, WCRC

Conference Scientific Programme

Preceding Satellite Event: Hands on tutorials

Tutorials on Sirepo and Bluesky

Experiment Controls Architecture Options

General Platform Choices, Components, Connectivity

Software Stacks

Toolkits, layers on top of base Frameworks EPICS, TANGO

Beamline Simulation and Tuning tools

Modelling, support of process control

Task synchronization methods

Coordination, trigger, fly modes

Collaborations, partners

Co-developments, common platforms, workgroup communities, commercial contractors