



Contribution ID: 29

Type: **not specified**

Distributed control system for the BM@N experiment

Tuesday 10 June 2025 12:20 (10 minutes)

Big modern physics experiments represent a collaboration of workgroups and require wide variety of different electronic equipment. Besides trigger electronics or Data acquisition system (DAQ), there is a hardware that is not time-critical, and can be run at a low priority. Slow Control system are used for setup and monitoring such hardware. Slow Control systems in a typical experiment are often used to setup and/or monitor components such as high voltage modules, temperature sensors, pressure gauges, leak detectors, RF generators, PID controllers etc. often from a large number of hardware vendors. Slow control system provides solution of the following tasks: control and monitoring of control parameters of detectors and other subsystems in the process of operation and setup of experimental facility, timely detection of failures in facility operation and alarming of emergency situations, monitoring of environmental parameters, archiving of facility parameters in database for further use in analysis of experimental data for the purpose of their correction

Summary

Presenter: ОСОКИН, Илья (JINR)

Session Classification: Section Talks

Track Classification: Sectional talks: VBLHEP