Contribution ID: **49**   Type: **not specified**

EPICS IPMI – Operational Experience and Difficulties

Tuesday 17 September 2024 14:40 (20 minutes)

SNS has recently deployed IPMI monitoring for all MicroTCA based IOCs using EPICS device support module epicsipmi. While IPMI is an established and documented standard, vendors' implementation of the IPMI vary and are not always easy to support. epicsipmi had to be significantly modified to support this task, with some of the changes being specific to a particular MicroTCA vendor. This talk will discuss challenges observed at SNS when implementing IPMI monitoring of health related sensors (e.g. fans, voltages, temperatures, etc.) and controlling the power state for FRUs.

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Session Classification: EPICS Meeting Talks

Track Classification: Hardware, Driver/Device support