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Data Acquisition System for the CSNS Neutron Beam Monitor

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At the first three instruments of the China Spallation Neutron Source (CSNS) in China, seven neutron beam monitors were installed and commissioned in August 2017. Each of these monitors has its own FPGA electronics and GUI acquisition program based on version 4 of the Experimental Physics and Industrial Control System (EPICS). In this paper we show how data acquisition, visualization and interaction with the experiment control system are laid out, as well as some first results and performance data.

Minioral

Yes

Description

Beam monitoring

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