

Welcome to NICA days 2017 in Warsaw



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Chosen components of the SlowControl system

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SlowControl system is designed for controlling and acquiring data from detectors used in the MPD-NICA experiments. It consists of various smaller sub-systems, which are built from electronic components. This compilation of three sub-system and seven electronic devices shows the audience a part of the developing SlowControl system.

The aim of the talk is to present the audience three systems and their components: mobile magnetic field measurement with EC16 analog encoder and HC-SR04 ultrasonic ranging module, flame detection system with Waveshare flame sensor, gas pressure control system with BMP180 and MPL3115A2 pressure & temperature sensor.

Additionally, a PXIe-7961R FPGA module with NI-5732 adapter is presented to show the potential laying in FPGA technology.

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