

Welcome to NICA days 2019 and IVth MPD Collaboration Meeting in Warsaw



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Data Acquisition from spectrometry and dosimetry systems using LabView environment

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Presented work could be divided into two main tasks.

One of them was to modify existing software programs for three types of detectors: SiPM spectrometer, Geiger-Mueller counter and Gamma-Scout dosimeters.

All the programming was made in LabView graphical development environment.

Another assignment was to measure radiation intensity in three different surroundings: inside the rack, inside the building and outside the building. The aim was to examine the background radiation which would be needed for correct interpretation of the data acquired during NICA experiment. All the measurements were done using dosimeters connected to computers by USB interface. All the data was compared and statistically analysed.

Primary authors: Ms DĄBROWSKA, Urszula (Warsaw University of Technology); Ms ZAWADZKA, Paulina (Warsaw University of Technology); Ms KOŁPA, Ewelina (Warsaw University of Technology); DUNIN, Nikita (JINR)

Presenters: Ms DĄBROWSKA, Urszula (Warsaw University of Technology); Ms ZAWADZKA, Paulina (Warsaw University of Technology); Ms KOŁPA, Ewelina (Warsaw University of Technology)

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