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Remote access to the Slow Control System of Nica-MPD Project

We have found answers to many questions but what happened in the first second of our universe is still unknown. In order to recreate those first moments in the laboratory environment scientists have put a huge effort. One of the projects aiming at that is NICA (Nuclotron-based Ion Collider Facility). It is designed to collide heavy ions in energy range which is sufficient to cover creation of both, hadrons and QGP (Quark-Gluon Plasma). Detailed analysis of such matter can provide information how hadrons affect quarks and vice versa. Besides determining the existence and location of deconfinement phase transition region it is also crucial to gather information about phase transformation on its own. In a project of this size a lot of scientists from all over the world are involved. Such collaboration brings a lot of benefits but also some problems. Long distances make it hard or even impossible for scientists to work efficiently. That is why remote access to laboratory software and hardware plays significant role.

Primary author: Mr WÓJCIK, Jan (Warsaw University of Technology)

Co-author: Mr ROŚŁON, Krystian (WUT)

Presenter: Mr WÓJCIK, Jan (Warsaw University of Technology)

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