Contribution ID: **104** Type: **Hardware assembling**

Cable tester design for NICA-MPD Platform

Such big experiments as NICA-MPD come along with a lot of multi-device connections. Therefore, the results of research may depend on quality and correct connection of signal cables. In this talk a complete design of cable tester for the NICA-MPD Platform will be shown, including software, electronical, and mechanical aspects of the device. The project layout has been optimized to provide possibility to check and validate the most popular signal cables. The device assembly process has been designed to meet the requirements of application in standard RACK cabinets.

Primary authors: NAKIELNY, Grzegorz (Warsaw University of Technology); PERYT, Marek (Warsaw University of Technology)

Co-authors: BIELEWICZ, Marcin (Nacional Centre for Nuclear Research); DABROWSKI, Daniel (Warsaw University of Technology (PL)); DUNIN, Nikita (JINR); KISIEL, Adam (Warsaw University of Technology (PL)); MILEWICZ-ZALEWSKA, Michalina (Joint Institute for Nuclear Reactions); ROSLON, Krystian (Warsaw University of Technology (PL))

Presenter: NAKIELNY, Grzegorz (Warsaw University of Technology)

Session Classification: TeFeNICA and Slow Control final presentations

Track Classification: Thursday Final Presentations