

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



Contribution ID: 91

Type: **not specified**

Upgrade of the MPD/TOF Test Stand Gas System and Control Software

Friday 25 October 2019 11:20 (10 minutes)

In this work gas system for MPD/TOF test stand and its control software development are discussed. Some elements of the gas installation were modified. In order to provide proper functioning of the devices PID controllers were added. To choose proper settings of the PID controllers the Ziegler-Nichols method was used. Conducted software tests turned positive. System works properly and can be further developed.

Primary authors: Mr MAKOLSKI, Filip; DABROWSKI, Daniel (Warsaw University of Technology)

Co-authors: BIELEWICZ, Marcin (National Centre for Nuclear Research); ROSLON, Krystian (Warsaw University of Technology (PL)); PERYT, Marek (Warsaw University of Technology); MILEWICZ-ZALEWSKA, Michalina (Joint Institute for Nuclear Reactions); DUNIN, Nikita (JINR)

Presenter: Mr MAKOLSKI, Filip

Session Classification: TeFeNICA Session

Track Classification: TeFeNICA Student's Session