

Student's Zone 2019 of the NICA Project



Contribution ID: 68
etc.)

Type: **Software programming (Java, 3D modelling, LabView, SCADA WinCC**

Time synchronization of electronic devices in RACKs NICA-MPD-PLATFORM using GPS NI-9467-c-RIO

In order to provide the same time to every devices there is a need to construct special system. In NICA project synchronization will be managed by GPS. System designers can use this module for accurate data timestamping, system clock setting, gating data acquisition based on the arrival of the PPS and synchronizing global waveform acquisition data using the FPGA.

Primary authors: Mr SAWICKI, Piotr; CHEĆ, Kamil

Presenters: Mr SAWICKI, Piotr; CHEĆ, Kamil

Session Classification: TeFeNICA and Slow Control final presentations

Track Classification: Slow Control System 2019