

<center><span style="font-family: verdana; font-size: 20px; color: #275c86;">Montenegro, Budva, Becici, 28 september - 02 october 2015</span></center>



Contribution ID: 51

Type: **not specified**

## Data acquisition electronics at BM@N

*Tuesday, 29 September 2015 17:40 (15 minutes)*

The report describes structure of data acquisition electronics at BM@N. There will be three main parts related to each other.

The first one is a short description of electronic modules, their technical characteristics, functionality and detectors with which they were used.

The second one describes synchronization method, which was used. In particular, the White Rabbit protocol and its implementation in data acquisition electronics.

The third one is about front-end and readout standalone electronic modules for calorimetry. 64-channels modules adc64amp (preamplifier) and ADC64S2 were applied with ZDC and ECAL at BM@N.

**Primary author:** Mr TERLETSKIY, Andrey (JINR)

**Presenter:** Mr TERLETSKIY, Andrey (JINR)

**Session Classification:** Triggering, Data Acquisition, Control Systems