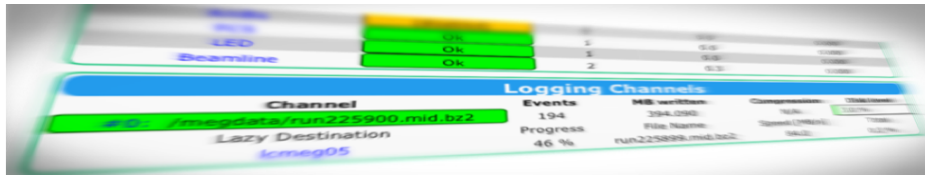


MIDAS Seminar



Contribution ID: 0

Type: **not specified**

WaveDAQ - A new MIDAS based DAQ system for the MEG II experiment at PSI

We will finish off the seminar with a hardware talk. The WaveDAQ system currently under development at PSI, Switzerland, combines the DRS4 waveform digitizer running at 5 GSPS with preamplifiers, ADCs and high voltage biasing suited for SiPMs. A new crate standard has been developed which features dual star gigabit links, ultra low jitter clock and trigger distribution and integrated crate management at a fraction of the costs of standard crate systems. The presentation will present the design principles of the crate and cards and show first test results.

Presenter: RITT, Stefan (Paul Scherrer Institut)