

[illegible]Type: **Talk**

Friday 24 June 2022 11:00 (20 minutes)

The basic detector unit in the SiPM-on-tile part is the tilemodule, consisting of a PCB with one or two HGCROC ASICs, reading out up to 96 tiles with SiPMs. To acquire the data as well as to send the fast and slow control commands, monitor temperature and voltages from the tilemodules a dedicated DAQ system has been designed and implemented. This DAQ system was tested alongside the latest generation of tilemodules at the October 2021 testbeam at DESY as well as tests at -30 degC were conducted using a climate chamber. Results from these tests will be reported.

Session Classification: Calorimetry