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## Quality control of HCAL FEE (Font End Electronic Boards)

*Thursday 28 May 2020 10:00 (30 minutes)*

The endcap region of HCAL detector (HE) and Barrel HCAL Detector (HB) is now readout by Silicon Photo-multiplier (SiPM) which are immune to the magnetic field. The SiPM Control Board, which is installed in the SiPM Readout Module (RM), provides the SiPMs with programmable individual bias voltage, measures SiPM Bias Voltage currents, drives Peltier element for SiPM cooling, measures the temperature and humidity in the SiPM envelope and also does miscellaneous housekeeping things. The quality control of about 400 such SiPM control boards were done here with a PyQT application and the method and details of these tests will be presented in the poster

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