

## Detector Applications on MicroTCA.4 Platform at CAEN ELS

*Wednesday 9 December 2015 16:45 (15 minutes)*

The AMC-PICO-8 and HV-PANDA boards will be presented as well as their complementary role as a high voltage bias source and low-current measurement system will be discussed. Various different applications which can benefit from the combined system will be demonstrated. The AMC-PICO-8 is a modular system, composed by a DAMC-FMC25 board and two FMC-PICO-1M4 plug-ins; customization of analog front-ends to suit the user's needs will also be shown. A detailed overview of the data acquisition system with an advanced DMA controller, Linux driver and Oscilloscope application will be given.

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