

## SLAC National Accelerator Laboratory MicroTCA.4 Collaboration

*Thursday 10 December 2015 15:30 (15 minutes)*

SLAC National Accelerator Laboratory has two microTCA collaborations with other laboratories. These collaborations are to develop BPM systems with European Spallation Source (ESS) and Pohang Accelerator Laboratory (PAL). The ESS collaboration is designing a new Rear Transition Module (RTM) that can be used as a BPM interface and as a LLRF interface for a development system. The PAL collaboration is designing a stripline BPM system for the LINAC for the XFEL project. This consists of 145 ADC and RTMs all packaged into 17 microTCA crates that consist of power modules. Both systems have new RTM boards that have been commissioned or are under testing. We will talk about lessons learned in working with large collaborations.

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