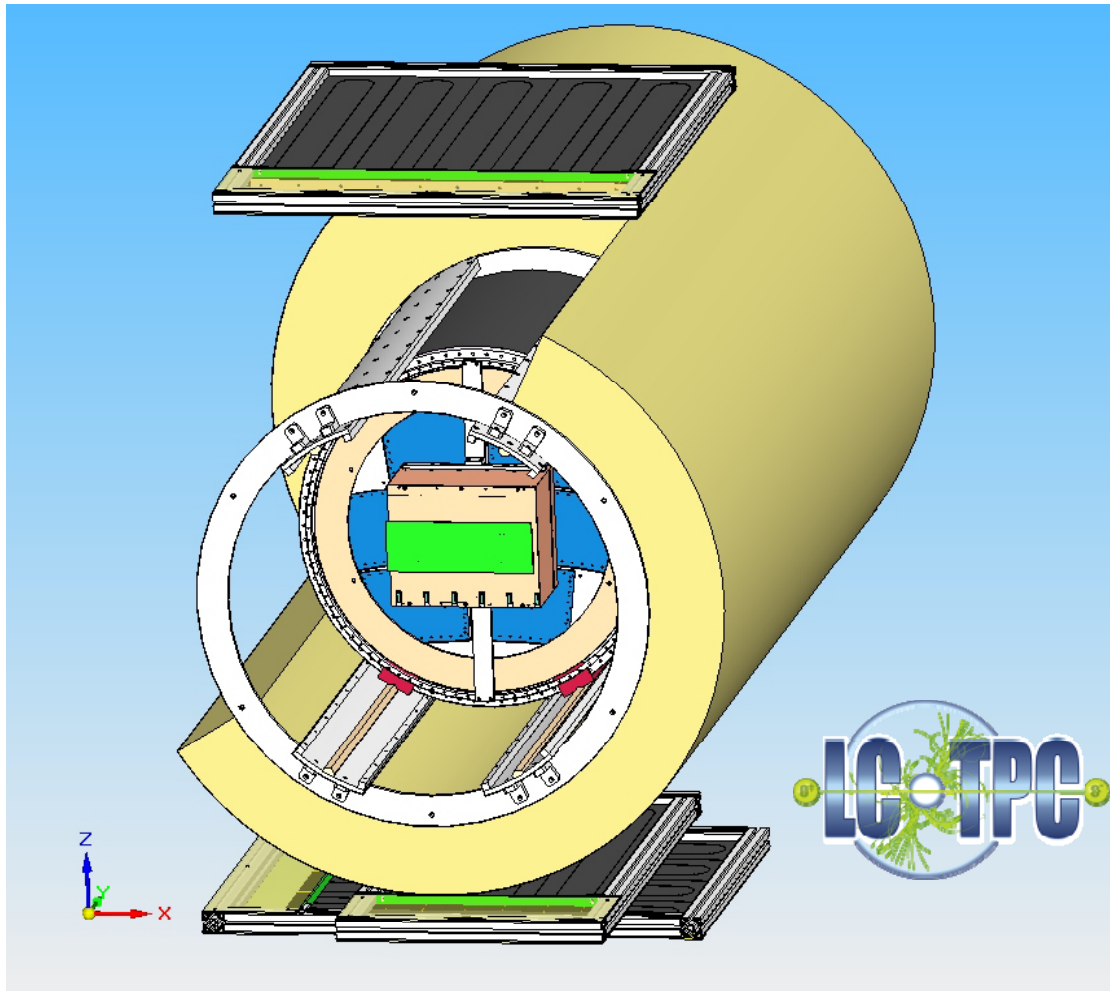


Large Prototype Trigger



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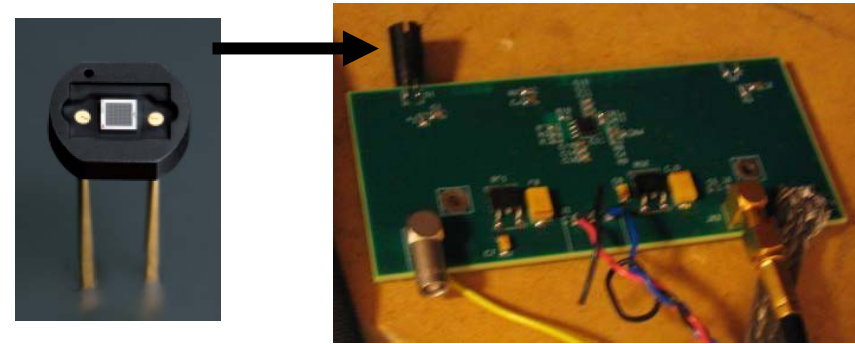
Assembly in progress (almost finished).

Integrated cards adding the signals of 2 MPPCs and amplifying the signal with a gain of 30 were designed and are operational. The cards provide regulated supply

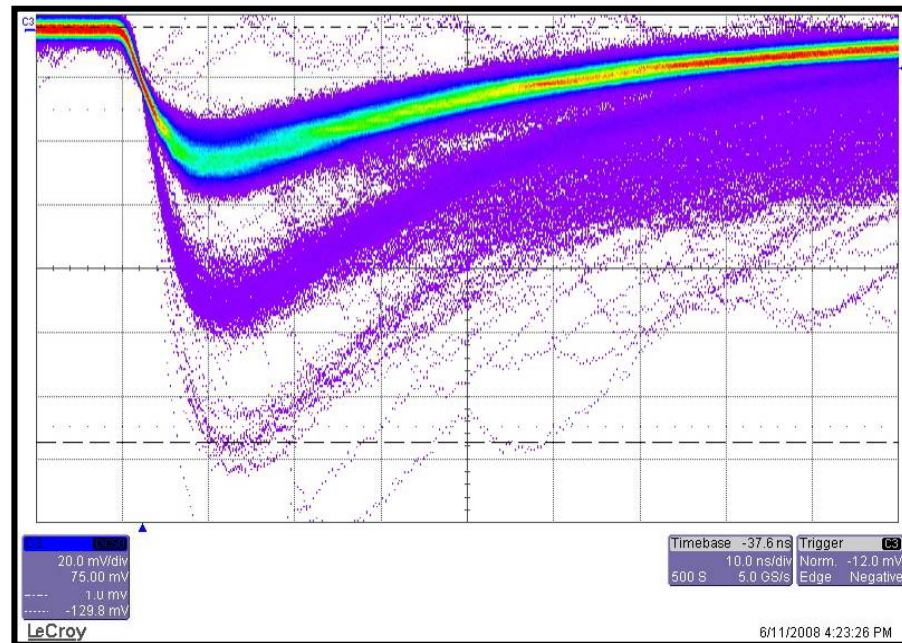
Typical signals of 60 mV per p.e. are obtained. Single rates at 200 mV threshold are below a kHz.

The complete thermoregulation system is being assembled. It can stabilize the temperature to 0.01°, and can follow changes of 10 degrees over 12 hours.

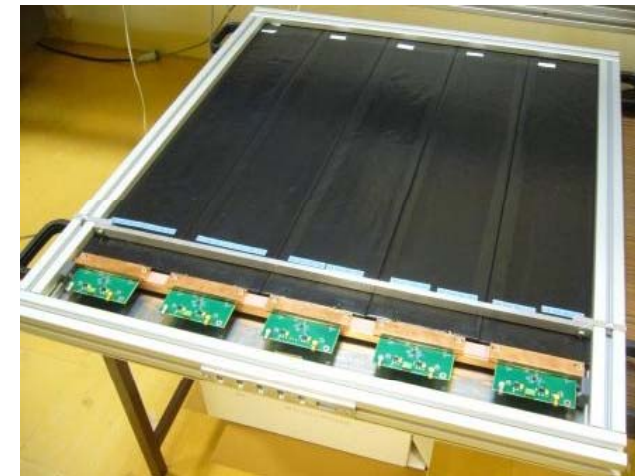
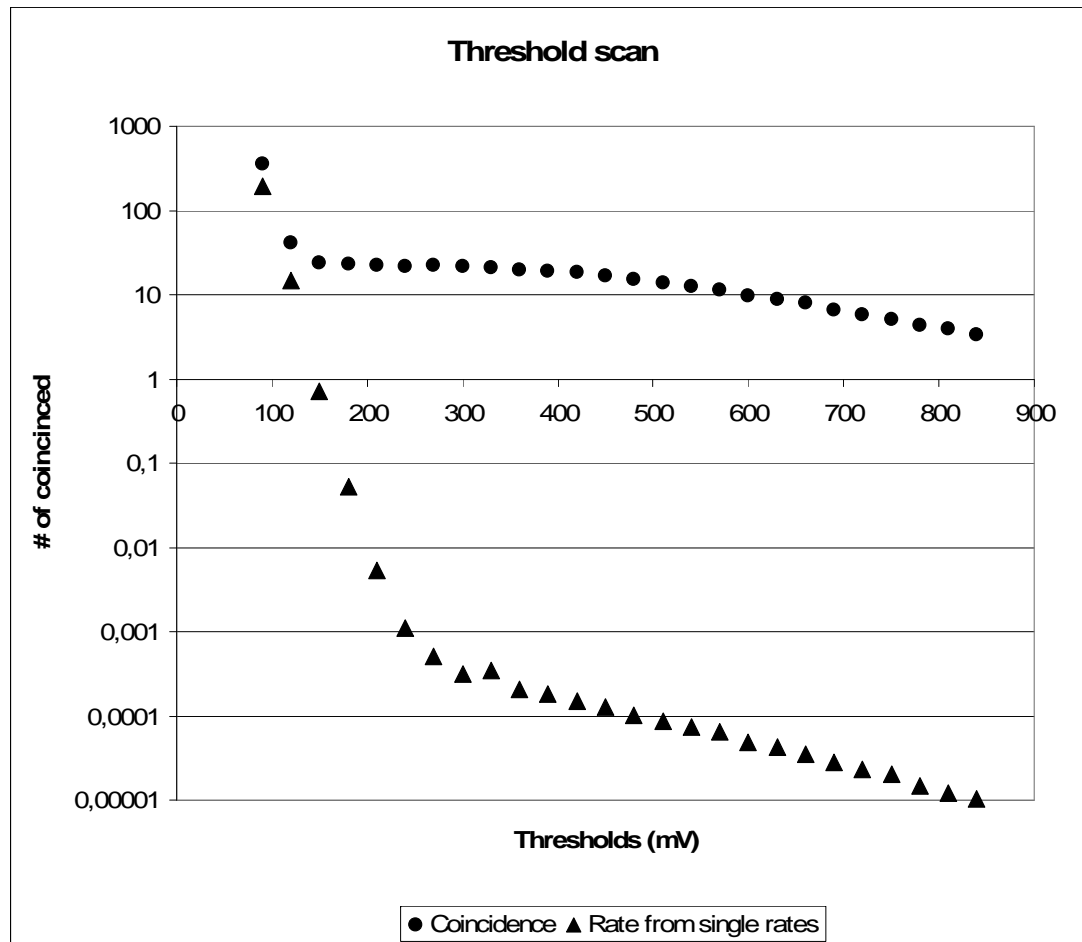
There is one supply cable per module and one signal cable per slab.



MPPC=SiPM (with Peltier effect thermoregulation)



Large Prototype: a High-tech cosmic trigger



Installation at DESY July 7-10

next: FPGA logic

