DAQ + Slow Control status

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Ge DAQ (Calin Ur + Stefano Riboldi et al)

- hardware is underground now: FADCs, trigger logic, pulser, PC with PCI cards, ...
- hardware was tested above ground before installation with a detector
- serial connection for threshold + baseline implemented but PC software not finalized
- JAVA based monitoring and control available
- "begin run" / "end run" records for slow control available

- small things are missing (ethernet connection, crate control, synchronisation with Muon, final test after recabling underground, ...)

summary: effectively available for standalone operation, see Calin's talk tomorrow

Muon DAQ (Thomas Kihm + Christian Bauer et al)

- fully installed VME crate with software available and tested in HD
- now in Tübingen for tests with real PMT signals + integration of LED calibration
- "begin run" and "end run" records for slow control can be generated easily
- hardware not yet installed at LNGS
- calibration software + analysis software under development

not needed immediately, for details see Florian's talk tomorrow

Synchronization Ge + Muon DAQ

- use 100 MHz counter as time stamp, TTL hand shake signal for start/end run
- Ge triggers will also trigger Muon readout, maybe even dummy trigger for test of synchr.
- concept clear and simple, but hardware + software not yet installed

not needed immediately

Slow control (Alberto Garfagnini + Riccardo Brugnera)

- cryostat + clean room integrated into data base, simple GUI for history display exists
- ELOG implemented
- upgrade planed for March (including alarm generation with SMS notification)
- waiting for other components (first in – first out implementation order)
- standard SQL data base library for user to read from data base

effectively available, for details see Riccardo's talk tomorrow