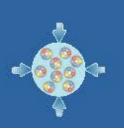
Joint CBM / PANDA DCS Workshop



chaired by Peter Zumbruch (GSI, Darmstadt)

Wednesday, 20 June 2018 from **09:00** to **15:20** (Europe/Berlin) at **GSI** (**KBW Lecture Hall**)

Diskussion

future steps for CBM DCS coordination

CBM DCS Contacts

- Coordination
 - P.Zumbruch, GSI / P.-A.Loizeau, GSI
- STS
 - U.Frankenfeld, D.Emschermann
- MVD
 - Philipp Klaus, Ole Artz, IKF
- TRD
- Phillip Munkes
- RICH
 - Adrian Weber
- MUCH
 - Vinod Neghi
- TOF
 - Ingo Deppner, Sheng Dong
- PSD
 - S.Mozorov
- DAQ
 - D. Emschermann
- ECAL ??
 - ??

Tasks for the CBM DCS sub-system coordinators

- User requirements
 - summary of devices
 - write up of Process Variables, organized in templates, including alarm limits
 - device supports already done
 - existing git repositories
 - common services needed
 - e.g. archiving
 - dependencies for rules
 - risks
 - time to react
 - software based, hardware based, interlock, SIL level?
- Huge planned hardware investments
 - e.g. HV
 - LV
- think of DCS before buying devices
- Possible states of the whole sub-system in view of an status state machine
 - Ready for beam
 - of energy > x GeV
 - Time for calibration ...
 - Error states
 - ...
- Check TDRs for DCS statements

Tasks for the DCS coordinator(s)

- TDR ?
- TDR like document
 - compare to PANDA
- Collect existing services
- Common git repository
- Regular meetings (1/month 1/3 months)

State machine

- J. de Cluveland proposed an ALICE like State machine
- PANDA DCS Core team proposed something similar to DCS DAQ