

Wg7 - RD51 mini week

February 1, 2013, **CERN**

Welcome

Patrik Thuiner is starting (today) his PHD in our lab.

Full support and help from our group and the collaboration.

GDD/RD51 Lab Extension

Special thanks to George Glonti (MAMMA) for his help

- Increase the Alice's TPC Upgrade working Place

- Large Area Cosmic Stands

(MAMMA suggestion)

- Working area for the CERN Gas Group (Roberto Guida)

Possibility to test with detector “gas system solution” for experiments and lab (recycling gas circuit, control devices, ...)

- Working space for Large Area Detector

- Any other suggestion/request is welcome

Summer Students

- We are going to submit two projects in our group.
- The actual proposals are:
 - X-Ray Imaging with Gas Detector (GEMs, microMegas) and LHC electronics (VFAT-binary, APV-analog).
 - LCS: a experiment-type DCS control for the lab.
Control and monitoring of HV, gas, environment,... (24/24, 7/7)
(Implementation of the actual Kostas' PVSS system, for lab and test beams).
- We need to apply in few weeks, any comment or suggestion is welcome

For the Students

Information concerning the application can be found here:

https://ert.cern.ch/browse_www/wd_portal.show_page?p_web_site_id=1&p_text_id=7

Support for test beam outside CERN

- We cannot organize/follow directly the test beams planned by users outside CERN
- But we can provide the available hardware.

- Following a discussion with a user: a Compact Tracker (with SRS/APV electronics) can be equipped. It is not existing at the moment and we need to be informed in advance if it is needed.

Acknowledgments

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