

## Minutes of WP-meeting 249

### Attendance:

DESY: Ralf Diener, Ulrich Einhaus, Leif Jönsson, Uwe Krämer, Felix Müller, Dimitra TSIONOU, Lisa Waldmüller

Vidyo: Paul Colas, Madhu Dixit, Keisuke Fujii, Jochen Kaminski, Ron Settles, Akira Sugiyama

### General News:

Paul announced that the next Symposium in large TPCs for low-energy rare event detection will take place in Paris on December 5<sup>th</sup>-7<sup>th</sup>.

### PCMAG/LP setup, test beam:

Ralf: LP:

- The LP has been tested and works fine. It was, however, discovered that some of the 8 termination plates do not fit very well. In particular the lower ones have a wrong bending radius, so that there are larger gaps between these plates and the lower 2 modules exist. These plates have been redone at the DESY workshop and have now a much thinner gap to the modules. The top three termination plates are okay.

### News from the groups:

Ralf reported on the progress in preparing the test beam. The last module is being HV tested. Some GEMs were damaged, but bad sectors could be arranged so that they are placed where no particle tracks are expected. Now preparations for mounting the ALTRO electronics are ongoing. The test beam will last for three weeks. At first the 'standard' LCTPC program will be done, however, with an extended parameter space (i.e. larger angles etc.). Then a 3mm thick steel target will be tested to create double tracks. If sufficient time remains, a module with baked GEMs will be tested.

Akira said that the new gating GEMs were delivered and are being glued on a large square frame first for better stretching on the final frame. In parallel the amplification GEMs are being tested.

Paul mentioned that the Randalf proposal was rated to be on the waiting list, but it is not likely that it will be funded. But the E-JADE project was opened for detector related studies. In this proposal one has to go to Japan for at least 1 month (individual trips should not be shorter than 2 weeks). After this, all trips to Japan are being paid. If further information is needed, please contact either Marcel Stanitzki or Thomas Schörner-Sadenius.

### AOB:

The next workpackage meeting will take place on September 22<sup>nd</sup>.