Minutes of WP-meeting 270

Attendance:
DESY: Ties Behnke, Ulrich Einhaus, Oleksiy Fedorchuk, Markus Gruber, Leif Jönsson, Uwe Krämer, Paul Malek, Vladimir Ruiz, Oliver Schäfer, Alina Weiser
Vidyo: Keisuke Fujii, Qi Huirong, Jochen Kaminski, Amir Shirazi, Ron Settles, Aiko Shoija, Akira Sugiyama, Jan Timmermans,

General News:
Jochen initiated the discussion on the place and date of the CM. It seems there is no ILD meeting at KEK in September and the weekends around the LCWS are also not good for all potential participants. In particular it is likely that not many participants from Japan will come to Strasbourg. Jochen will therefore add a few random dates in the doodle poll to see which dates are good. He will send around the link tomorrow.

PCMAG/LP setup, test beam:
Ties: PCMAG/TRACI/test beam area:

- The measurements of the stray magnetic field of PCMAG went smoothly, but the results are not known yet. There are also some technical problems with the stage, but they will be solved until the next user will come.

News from the groups:
Huirong gave a summary of the plans on a UV laser setup at CAS for tests of the distortion due to ions. For this he first summarized the detector requirements of the CECP-TPC and on the technical challenges regarding the IBF and calibration/alignment. For tests a small prototype TPC will be setup at CAS with a drift length of 51 cm and an active area of 20x20 cm^2. A Nd:YAG laser with a wave length of 266 nm shall be used to study the track distortions. An additional UV-lamp could generate additional ions, if required. First tests with the laser have been done and a first part of the optical path has been tested. Huirong explained the complete optical path and how the laser power will be split. Images of the movable mirrors, the coupling into the chamber and the planned laser tracks were shown and discussed. All the technical drawing are finished and parts are being ordered. Huirong assumes that the setup will be operational in 6-8 weeks.

Uli summarized the effort of the ROPPERY project. A first board had been delivered with a Timepix chip mounted via gold studs on a PCB pad plane, but an electronic contact could not be established. A second try was done and worked for a short time, but later on also failed. The connection could not be reestablished.

Leif reported on the status of the SALTRO project. A first badge of 34 packaged SALTRO chips had passed the test of the company and was delivered to Lund for final characterization. The test boards have also been delivered and components ordered. They will be mounted at the beginning of September and then the final tests of the 34 packaged chips will start. The data acquisition software is not in a final state yet, but it is sufficiently developed for the tests.
There were also 40 empty packages delivered, which will be used for testing the mounting procedure of the MCM boards.

AOB:
The next workpackage meeting will take place on September 7th.