

LCTPC WP meeting #289

Thursday 2 August 2018

Attendees: Uli Einhaus, Leif Joenssen, Claus Kleinwort, Paul Malek, Huirong Qi, Oliver Schaefer, Ron Settles, Akira Sugiyama, Jan Timmermans

1. General News

There was no general news.

2. PCMAG/LCTPC status, test beam

There will be no testbeam at CERN for 2 years due to the next long shutdown to upgrade the LHC machine and experiments for the high luminosity running. It is recommended that possible users from the LCTPC groups should make their applications as soon as possible in order to be sure of getting adequate beam time. A call for testbeam requests was sent out by Marcel Stanitzki et al; replies due by 21 Sept 2018.

3. News from Groups

Bonn/DESY - ROPPERI:

Uli reported status of bonding/readout test of Timepix3 on a PCB after visiting KIT for bonding last week. The bonding connection was still somewhat unstable probably due to a difference of thermal expansion coefficients between chip and PCB. A readout test was done to check chip connection. Possible solutions to the thermal problem were discussed. Preliminary visualisations of the gained data were shown

Lund:

Leif reported shortly on the test of the 2nd pre-series batch of S-Altro16 chips: 46 tested out of 50 delivered. 36 fully OK, 7 had problems with some noisy channels.

NIKHEF:

A paper describing a Timepix3 single chip test at ELSA is near to being finished. The final version will be submitted for publication and to arXiv.