

Asia/Japan LCTPC Meeting Minutes

Yumi Aoki

Thursday, March 15th, 2018. 18:00-19:20 JST

Attendance : Aiko Shoji, Akira Sugiyama, Ron Settles, Shinya Narita, Takeshi Matsuda, Tomohisa Ogawa, Yukihiro Kato, Yumi Aoki, Wataru Matsushima, Einhaus Ulrich Takashi Watanabe

1 General News and Discussion

- The regular meeting on March 22th will be canceled due to JPS meeting.
- The regular meeting on March 29th will be canceled due to dE/dx meeting.
- **【FtF meeting】**
If kyushu people can come April 21th, we will held it on April 21th afternoon to 22th morning.
- **【Analysis of dE/dx】**
How about calculating dE/dx include Randau tail? (Lognormal Fit, Inverse(ch) etc...)
→ Paul Marek talked about it in LCTPC Collaboration mtg 2017(by Uli)
- We will be absent ICHEP

2 Reports on our Activities

(Rehearsal talk of annual meeting)

Yumi **【The spatial resolution in the first beam test of a GEM-based readout module for the ILD-TPC equipped with a large aperture GEM-like gating device】**

Q. Why you don't use short distance data for Pad response fit?(M.Kobayashi)

A. If we find that the short distance data has hit pads as same as long distance data, we include these data in fit.

C(comment). You should correct biases of spacial resolution.

Aiko **【TPC readout module study】**

Q. Why you attach "preliminary" to graphs? (Narita san)

A. Because the correction method for transmission(1T) hasn't been established.

Q. How much is the transmission when we applied 3.5T or 4T ?

A. It ought to be 82%(optical transparency) but it's not in simulation by Ikematsu san. We should use simulation by Ogawa san.

3 AOB

Next meeting will be held on April 5th 2018 at 18:00.