

Asia/Japan LCTPC Meeting Minutes

Yumi Aoki

Thursday, April 12:th, 2018. 18:00-19:20 JST

Attendance : Aiko Shoji, Akira Sugiyama, Keisuke Fujii, Kentaro Negishi, Makoto Kobayashi, Ron Settles, Shinya Narita, Takahiro Fusayasu, Takeshi Matsuda, Tomohisa Ogawa, Yukihiro Kato, Yumi Aoki, Wataru Matsushima, Einhaus Ulrich Takashi Watanabe Takahiro Mizuno

1 General News and Discussion

- **【Meeting cancelation】**

The regular meeting on April 19th will be canceled because of preparation for ftf meeting. The regular meeting on May 3rd will be canceled because of the national holiday.

- **【Deadline】**

Autumn JPS meeting abstract : May 24th IEEE abstract submission : May 3rd ALCW early registration end : April 20th

- **【FtF meeting】**

We will held it on April 21th 12:30 22th 14:00. Please prepare the current status slide and plan.

(Tomohisa)

If we change the module structure, we re- boundary measurement.

Does we need some preparation for discussion?

We should discuss what we should discuss.

Aiko will mail to you about face to face meeting topic.

2 Reports on our Activities

【Aiko】

-dE/dx resolution including Landau tail

Landau fitting is failed and if it succeeded, kai square value is bad.

The dE/dx resolution including Landau tail (χ^2): 8.2 0.18 % The dE/dx resolution including Landau tail (Likelihood): 4.650.06 % The dE/dx resolution using truncated mean is as well as the dE/dx resolution using landau fit.

Next step: Obtain the dE/dx resolution w/o gate and theta dependence

C(Ron): experiment of past He thinking is difference topology of crack

What happen if you use other method such as the log normal function which DESY group use or gaussian polier function?

DESY group reported.

C. You use the bin likelihood. Other person unbinned likelihood

Q(Uli). Slide 5. The right plot What do you think about group of points around 600MPV?

A. Simply fitting failed.

Q. Why the fitting was failed?

Q(Keisuke). What kind of likelihood do you use? Empty bin is contributing?

Empty bin is information. They have the information that there is no information.

Did you use these bins?

3 AOB

Next meeting will be held on May 10th 2018 at 18:00.