

# Asia/Japan LCTPC Meeting Minutes

Yumi Aoki

Thursday, March 8<sup>th</sup>, 2018. 18:00-19:20 JST

Attendance : Aiko Shoji, Akira Sugiyama, Huirong Qi, Keisuke Fujii, Kentaro Negishi, Makoto Kobayashi, Takahiro Fusayasu, Takeshi Matsuda, Tomohisa Ogawa, Yukihiro Kato, Yumi Aoki, Wataru Matsushima, Einhaus Ulrich

## 1 General News and Discussion

- The regular meeting on March 22th will be canceled due to JPS meeting.
- **【The analysis meeting】** (About dE/dx measurement) March 29th at 10:00 CEST(17:00 JST)
- **【2018 Japan group's face to face meeting】** Candidate: Before ALCW@Saga Univ. , Another day at KEK  
It is easy to invite peoples KEK( Budget ). No conclusion but we should decide in this fiscal year.
- (From Sugiyama san) Choose one person from LCTPC for technical group for cost estimation in today's LCTPC WP meeting.

## 2 Reports on our Activities

Huirong **【Status of laser system for TPC prototype】**

He talked about test of mounted board integrated mirror and its results. He will test resolution, position next week. He will talk about more detail in next week. [Q & A]

Q. (Makoto)How strong of the lasers(Palus energy)?

A. use different laser as real experiment.

Q. What is the name of Company?

A. Chinese company

Q. How much does the laser costs?

A. 7000 euro.

(comment from Huirong)

The 1064nm/12mJ laser price is 7000 Euros in our lab.

The laser frequency multiplier should be integrated changing to 266nm, and its price is 8000 Euros.

Aiko **【Weekly report】**

She tested the GEM module using beam test. She measured the gain as same as the beam test set up. The gain measured after beam test is larger than it measured on beam test. She will measure the gain uniformity.

Q. The reason of this large gas gain?

Q. The difference between the ADC before the beam test and the beam test.

- linearity is very bad

## 3 AOB

Next meeting will be held on March 15th 2018 at 18:00.