

Report from Linear Collider Board

LCWS2018, Arlington, USA

26 October 2018

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 - decision on **the LC community town meeting**

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- MEXT asked Science Council of Japan a new evaluation of ILC250, July 2018

See talks by L. Evans, S. Yamashita and M. Yamauchi

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- **MEXT Advisory Panel report, July 2018**
- **MEXT asked Science Council of Japan a new evaluation of ILC250, July 2018**
- Presentation of the LCB/ICFA position to the Science Council of Japan for their first meeting in August 2018 (in Japanese)
 - elaborating the LCB conclusions and ICFA statement from the Ottawa meeting in November 2017

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What was presented to SCJ

- Utmost importance of precision Higgs measurements fully acknowledged by the particle physics community.
- An equally well acknowledged need for a lepton Higgs factory to complement the LHC.
- The ILC is currently the most maturely designed lepton Higgs factory.
- Europe and US are fully committed to their own programme, but ready to discuss possible ways to contribute if Japanese government expresses its intension to host the ILC, given the physics importance.
- European Strategy update will have a significant impact on the particle physics programme beyond Europe, thus a statement from Japan by the end of this year crucial.

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- For this, the LCB asked LCC and relevant people to organise a community town meeting in Spring 2019
Tentative plan is
8-9 April 2019 at
Swisstech Convention Centre @ EPFL,
in Lausanne

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- Statement (or no statement?) from Japanese government
Repeated message to Japan has been
 - For the ILC to proceed further, we need a statement from the Japanese government by the end of this year
 - expressing its intention to host the ILC with substantial contribution, e.g. civil construction, infrastructure and an appropriate share for the accelerator, and
 - inviting interested international partners to discuss realisation
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- Assessment of the situation by LCB/ICFA made at their meetings on 7-8 March 2019

Goals for the town meeting

- Agree on a unique future strategy for the international linear collider activities.
- Prepare the linear collider project case for the European Open Strategy meeting in Granada, Spain.
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Some points deriving the discussion

- CLIC is basically argued as one of the candidates for the next CERN machine.
 - Are there enough wide support in the CERN community for CLIC compare to other options?
 - What would the European Strategy will say?
 - ...
- With a positive statement from Japan, the ILC could become a reality in Japan with participation of international partners. But if the statement is negative or no statement:
 - Can it still continue as “host-less”?
 - For how long can it remain competitive?
 - ...
- We can no longer continue as the status quo.

Look forward

- FALC/ICFA/LCB meetings in Tokyo, 7-8 March 2019
 - Digesting the situation of the ILC
 - First discussion on the next step
- The mandate of the LCB/LCC continues only till the end of 2019. Activities beyond 2019 must be decided during the FALC/ICFA/LCB meetings in Summer 2019 in Toronto during the Lepton Photon Symposium