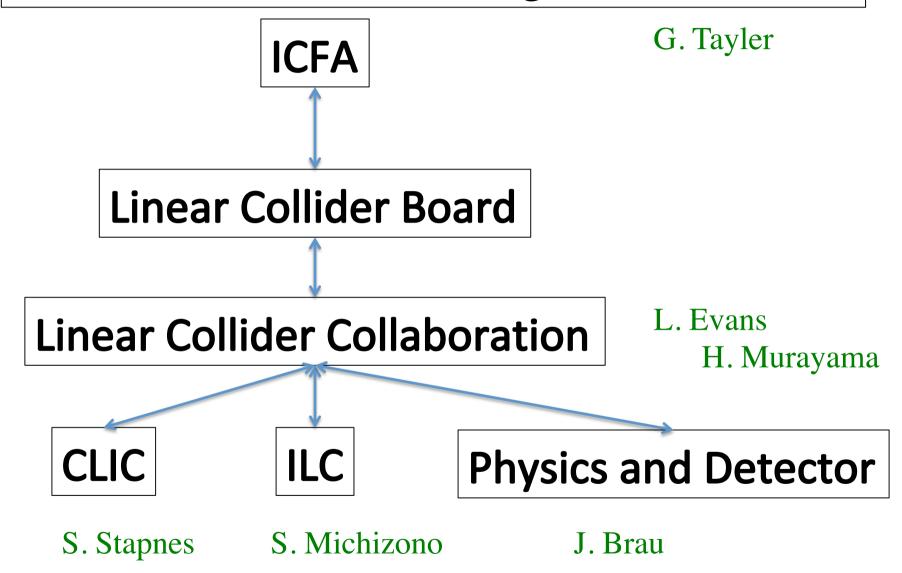
# Linear Collider Board Report ACWS2018, Fukuoka, Japan

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## Linear Collider Organization



## Since LCW2017 Strasbourg

- FALC/LCB/ICFA meeting in Ottawa, November 2017
  - LCB position paper
  - ICFA statement endorsing the LCB position
- Presentation of the LCB/ICFA position to the MEXT Expert Panel on the ILC in Tokyo,
   December 2017
- FALC/LCB/ICFA meeting in Cambridge, March 2018
  - Discussion on the action list toward the European Strategy update process in 2019

## LCB position paper in Nov. 2017

- "...the Linear Collider Board strongly supports the JAHEP proposal to construct the ILC at 250 GeV in Japan and encourages the Japanese government to give the proposal serious consideration for a timely decision."
- "A clear expression of interest to host the machine under these principles would enable Japan to start negotiations with international partners."

The host country making the majority contribution, a natural expectation being that the cost for the civil construction and other infrastructure is the responsibility of the host country, while the accelerator construction should be shared appropriately

## Presentation to the MEXT expert panel

- Presentation at the MEXT expert panel meeting in Tokyo in December 2017:
  - LCB/ICFA statements (LCB Chair)
  - Particle physics programme at CERN (Director of Research and Computing)
  - Some members of the panel were surprised to know that the LCB stated
    - "major contribution" from the host country and
    - "the host country to take initiative" to start discussion with interested countries,

and asked why the XFEL and FAIR mentioned, rather then the

ITER?

## Presentation to the MEXT expert panel

- Further explanation to clarify the exact meaning of the LCB position was submitted to the MEXT in May 2019
  - Two relevant points of the FAIR and XFEL for the ILC are
    - the host country is making large contribution
    - the host country declared their wish to host the projects with indicating a level of their contribution and initiated the international negotiation,

i.e. for the realization of the ILC in the current situation, the host country has to take an initiative to call for an international negotiation and expressing their readiness for a substantial level of contribution as a host country.

## Cambridge LCB discussion

#### General consensus is that

- without a statement from Japanese government by the end of 2018,
  - the ILC will not likely to be in the 2019 European Strategy update discussion,
  - resources for the ILC R&D in Europe and US would likely diminish and activities could not be maintained,
- and such statement should imply
  - the interest to host the ILC in Japan
  - with an indication for a level of contribution that is substantial
  - readiness to initiate discussion with interested countries.

## Cambridge LCB discussion

- Submission of the documents in December 2018 summarising the LC activities for the European Strategy:
  - CLIC:
    - Project description (380 GeV)
    - physics & detector
  - ILC:
    - ILC Accelerator & physics (250 GeV)
    - European capabilities for the ILC technology
- The LCB encourages strongly the LC community to consolidate their position and to present a single opinion in the European Strategy Open Symposium in ~May 2019.
  - → S. Stapnes and J. Fuster have been asked to organise a community meeting in early 2019

#### In the mean time

- Japanese colleagues are actively working on
  - organising the visit of Japanese diet members and government officers to Europe and the US for discussion,
  - achieving the awareness at the cabinet level through the diet members.
- During the first visit to France and Germany, the diet members expressed a clear view on Japan taking initiative, while the government officers remained quiet.
- Further actions are in preparation. (Second smaller visit to Europe took place)
- The European and US community should keep interacting with their governments.

## Looking Forward

- LCB meeting in Korea in July will be
  - reviewing the
    - development in Japan
    - status of the documents for the European Strategy discussion
    - preparation for the community meeting in early 2019
  - and discussing possible actions in the future anticipating different scenarios.