

“ILD Japan”

Shinya Narita (Iwate U)

ILD general meeting

5-Dec-2023

ILD activities in Japan so far ...

- The Japanese ILD members have been continuously contributing to ILD physics research and detector R&D.
- However, it has been unclear for the community in Japan to recognize such activities since individual research groups have mainly participated directly in the international framework of the ILD.
- Therefore, we have decided to establish “ILD Japan” to clarify the organization of the ILD in Japan and to further develop our activities.

- Activating and making visible the activities for ILD in Japan by organizing the “ILD Japan”.
- Promoting significantly physics study and detector R&D related to the ILC.
- Strengthening cooperation with researchers in the field of high energy physics and outside the community.
- Strengthening international collaboration.

Activities of “ILD Japan”

1. Efforts to secure research funding
 - Increase funding opportunities from various sources including private funds.
2. Collaboration with outside the high energy physics
 - We try to expand collaboration in detector R&D to institutes and companies outside the high-energy physics field and advance the R&D by incorporating new technologies and knowledge.
 - We have already started discussing cooperation with that institute.
 - Issues which have not been fully covered by the ILD activities so far (mass production, quality control, seismic design, etc.) will be considered toward the engineering design.
3. Promoting physics study and detector R&D through close discussion within ILD Japan
 - We have had meetings with IB members biweekly.
 - General meeting is planned to be held 3-4 times a year.
 - A special session will be organized at the workshop/meeting.

Activities of “ILD Japan” (cont’d)

4. Strengthening cooperative relationships with other ILC researchers.
 - Working in close cooperation with “ILC-Japan”
5. Promoting international cooperation closely; ILD international group, IDT-WG3, ECFA Higgs/EW/Top factories, DRD, ...
6. Close discussion with researchers in accelerator, theory, and neighboring fields.
 - Organizing joint seminar.

ILD

ILD Japan

Institutional Board
Chair, deputy-chair

Advisors

Members

WG1

WG2

WG2

.....



Non-ILD members in Japan.
Non-HEP community members
Industries

Kyusyu, Saga, Hiroshima, Kinki, Shinshu, Tokyo-ICEPP, Kogakuin, Nippon Dental, Tohoku, Iwate, Iwate Prefectural.

Chair: Shinya Narita (Iwate U)

Deputy Chair: Tohru Takahashi (Hiroshima U)

Working group

- Vitalizing activities and clarifying issues through discussion and exchange of information within WG.
- The body for applying for funding.
(through joint cooperation of WGs)

Proposal

*Tracker (TPC, VTX), Calorimeter, Software,
External cooperation*

- “ILD Japan”, a cooperative organization of ILD members in Japan, has been established.
- “ILD Japan” will promote ILC/ILD-related studies in Japan more actively.
 - Secure research funding.
 - Exchange the latest information regarding ILC.
 - Work in close cooperation with ILC-Japan.
 - Develop cooperation with non-ILD/ILC members.
 - Expand cooperation with other sectors and private companies.
 - Specific studies will be discussed in each WG.