



ILC-Japan

Spokes Person

浅井祥仁(東大)

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* コアメンバー

Physics WG

座長: 石野雅也 Ishino, Suehara

Collaboration TF

座長: 栗木雅夫

Public Relations TF

座長: 岡田安弘

International Negotiation TF

座長: 浅井祥仁

International Acc. R&D TF

座長: 道園真一郎

- Explore interesting subjects that can be performed in **an e⁺e⁻ collider**
 - Taking into account **physics results of other experiments**
 - **Collaboration with theorists** is quite important and should be continued
- (Give feedback on the detector design (updating the detector concept))
- **Increase activities/interests on an e⁺e⁻ collider physics** by partially incorporating the efforts of physicists who have been working on other experiments.
 - Try to find points where **synergies can be expected**
 - Today, **LHC x e⁺e⁻ collider**
 - Other experiments will be followed
 - Not only **physics-wise** collaboration but also **tool-wise collaboration** may be found?

1st general meeting of ILC-Japan Physics Working Group

📅 Friday 25 Nov 2022, 10:00 → 15:20 Asia/Tokyo

📍 KEK (1F meeting room, 3-gokan) + Zoom

10:00 → 10:10 **Introduction of ILC-Japan Physics WG**

Speaker: Masaya Ishino (University of Tokyo (JP))

10:10 → 10:30 **Situation of physics/detector studies for Higgs factories: IDT, ECFA, snowmass, etc.**

Speaker: Taikan Suehara (Kyushu University)

10:30 → 10:50 **ILC Physics overview (including topics related to LHC)**

Speaker: Satoshi Shirai (Kavli IPMU)

10:50 → 11:10 **LHC talks - physics overview**

Speaker: Takuya Nobe (University of Tokyo (JP))

11:10 → 11:30 **LHC talks - synergy to Higgs factories (or specific topics)**

Speaker: Shigeki Hirose (University of Tsukuba (JP))

11:30 → 11:40 **Task list for ILC physics studies**

Speaker: Junping Tian (University of Tokyo)

11:40 → 12:10 **Discussions for ILC-LHC collaborative activities**

12:10 → 12:20 **Concluding Remarks by the ILC-Japan Spokesperson**

Speaker: Shoji Asai (University of Tokyo (JP))

13:20 → 15:20 **Ongoing topics for ILC physics studies**