

Explore interesting subjects, "Physics/Analysis Techniques", in **an  $e^+e^-$  collider**

- **Synergy** to study **common topics** with other projects (LHC, Belle, ... etc. )
- **Collaboration with Theorists**



The screenshot shows the ILC Japan Physics Working Group agenda page. The header includes the ILC logo and the text "International Linear Collider :: Agenda". Below the header is a navigation bar with "Home" and "Create event". The main content area is titled "ILC-Japan Physics Working Group". The agenda is organized by month, with "April 2023" highlighted. The events listed are:

Month	Date	Event
April 2023	Apr 25	3rd general meeting of ILC-Japan Physics Working Group
February 2023	Feb 22	2nd general meeting of ILC-Japan Physics Working Group
November 2022	Nov 25	1st general meeting of ILC-Japan Physics Working Group

Self-Coupling,  
Baryogenesis ILC x B-Factory

ILC x LHC: Higgs Self-Coupling

ILC x LHC: Higgs (in general)

R207

**Theoretical view of physics related to Higgs self coupling**
**Speakers:** Christophe Grojean (DESY (Hamburg) and Humboldt University (Berlin)), christophe grojean

Self-Coupling

⌚ 30m

**Single Higgs production at ILC**
**Speaker:** Junping Tian (University of Tokyo)

⌚ 30m

**Physics and detector studies for Higgs factories: international situation**
**Speaker:** Taikan Suehara (Kyushu University)

HF International Situation 20m

1

Lunch break

⌚ 1h

R340

**Baryogenesis and relation between Higgs and b factories**
**Speaker:** Shinya Kanemura (University of Toyama)

Baryogenesis

⌚ 30m

**Baryogenesis Related Topics at Belle II**
**Speaker:** Akimasa Ishikawa (KEK)

⌚ 30m

**Single-Higgs production at LHC-ATLAS**
**Speaker:** Tatsuya Masubuchi (University of Tokyo (JP))

Self-Coupling

⌚ 30m

**Ongoing analysis studies for Higgs factories**

3:50 PM

**Measuring the tau polarisation at ILC**
**Speaker:** Mr Keita Yumino (SOKENDAI)

4:10 PM

**Z' search in 2f final states with ILC 500 GeV**
**Speaker:** Koushi Nagae (Kyushu University)

4:30 PM

**e<sup>+</sup>e<sup>-</sup> to ssbar study at 250 GeV**
**Speaker:** Yuichi Okugawa (Université Paris-Saclay (FR))





## ILC-Japan

