



LINEAR COLLIDER COLLABORATION

Designing the world's next great particle accelerator

LCWS Conveners
Benno List, DESY

TCMB Meeting
16.7.2019

← → ↻ 🏠 ↺

epx.phys.tohoku.ac.jp/LCWS2019/

EDMS FRITZ!Box 7490 Proficiency Conferences CLIC IPPelog ALPSilelog XFEL SEK PRD (BL) SEK-SIM Geo-Online HH W de Beamlines

modelica library

International Workshop on Future Linear Colliders

LCWS2019

Sendai
October 28 - November 1

Welcome to LCWS2019!

This year, the International Workshop on Future Linear Colliders (LCWS 2019) will be held in Sendai, Japan, from October 28 (Monday) to November 1 (Friday) at [the Sendai International Center](#). While the workshop will be dealing with the physics, detectors, and accelerator issues of CLIC and ILC as the previous meetings in the series, the timing is critical in terms of the European Particle Physics Strategy Update in its final phase, and also since the Japanese government will be coming close to its decision regarding the ILC. There will be presentations and exhibitions by relevant industries as well. The meeting also coincides with the peak of autumn foliage with many popular spots in the surrounding area. Looking forward to see you in Sendai!

Hitoshi Yamamoto
Chair, Local Organization Committee



Overall Schedule Layout



	Mon	Tue	Wed	Thu	Fri
8:30-10:30	PLENARY	Acc Plen	Parallel	Parallel	Summaries
10:30-11:00	Coffee	Coffee	Coffee	Coffee	Coffee
11:00-12:30	PLENARY	PLENARY	Parallel	Parallel	Japan
12.30-14:00	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH
14:00-15:30	PLENARY	Parallel	Parallel	Parallel	
15:30-16:00	Coffee	Coffee	Coffee	Coffee	
16:00-17:30	„Nambu“	Parallel	Parallel	Parallel	



- **Sources ~3 sessions**
 - Masao Kuriki (U. Hiroshima)
 - Steffen Doebert (CERN)
 - Joe Grames (JLab) ?
- **ATF/DR/BDS(nano-beam) 1~2 sessions (think we need more: 2-3)**
 - Toshiyuki Okugi (KEK)
 - Phil Burrows (Oxford),
 - Rogelio Tomas CERN).
- **Beam dynamics (including Z-pole ILC/CLIC) 1 session (maybe 2)**
 - Andrea Latina (CERN)
 - Kiyoshi Kubo (KEK)
 - Nikolay Solyak (FNAL)?
- **SCRF 3~4?**
 - Yasuchika Yamamoto (KEK)
 - Sam Posen (FNAL)?
 - DESY?
- **CFS 3~4?**
 - Nobuhiro Terunuma (KEK)
 - John Osborne (CERN)
- **Warm RF 1 session?**
 - **To be named by CLIC**
- **Green accelerators ~2 sessions**
 - Steinar Stapnes
 - (we have at least 4 possible talks from the CLIC studies)



MONDAY October 28

9:00 – 10:30 Registration

10:30 – 10:40 Welcome (LOC)

10:40 – 10:50 Welcome (Tohoku President)

10:50 – 11:00 Welcome (Governor of Miyagi Prefecture)

11:00 – 11:20 LCC Report and Goals for the Workshop

11:20 – 11:40 Update on ILC in Japan

11:40 – 12:00 Development plan for CLIC

12:00 – 12:20 LCB report

12:30 – 14:00 Lunch

14:00 – 14:45 ILC Project Update

14:45 – 15:30 CLIC Project Update

15:30 – 16:00 Coffee break

16:00 – 16:30 ILC Physics Update

16:30 – 17:00 CLIC Physics Update

17:00 – 17:30 Nambu 1

17:30 – 18:00 Nambu 2

18:00 – 20:00 Reception



TUESDAY October 29

08:30–10:30 Separate plenaries (PD, ACC) sessions in
Tachibana Hall (conference building, 288 seats) and
Meeting Room 3 (exhibition building, 99 seats)

Physics & Detectors would include

ILC – EWPOs at GigaZ and 250 GeV
ILC – the new bb/tt EFT fit from Marcel et al
ILC – 1 TeV
ILC – the upcoming Higgs self-coupling work
ILC – all the work done for the various BSM subgroups for
Granada and beyond
CLIC – recent work including for Granada and beyond

10:30–11:00 Coffee break

11:00–12:30 Joint plenary session in
Tachibana Hall (conference building, 288 seats).
breakthroughs in technology
detectors
accelerators

12:30–14:00 Lunch

14:00–15:30 Parallel sessions
session on applications (here or during industrial session?)

15:30–16:00 Coffee break

16:00–18:00 Parallel sessions



WEDNESDAY October 30

Morning – parallels and Industry session

Early afternoon – Parallel including Industry session

16:00 – – Joint plenary

– talk on Multi-sided applications of the ILC

– joint statement (update past statements reflecting developments in Japan)

this statement should be introduced on Monday – perhaps in LCC Report

Evening – Banquet – Shozankan restaurant

THURSDAY October 31

Parallel sessions



FRIDAY November 1

08:30 – 10:15 Accelerator, physics and detector summaries

10:15 – 10:45 Coffee break

10:45 – 11:05 Japan timeline moving forward (or political statements, DIET, AAA, Tohoku,...)

11:05 – 11:20 Summary of Industrial session

11:20 – 11:35 EU Next steps (or political statements, FR, D, UK,...)

11:35 – 11:50 US Next steps (such as Snowmass planning or political statements, DoE, LCC ...)

11:50 – 12:10 Report from ICFA – G. Taylor

12:10 – 12:30 Final summary/vision

12:30 Lunch

Afternoon – optional detector concept sessions