IDT-WG2 report



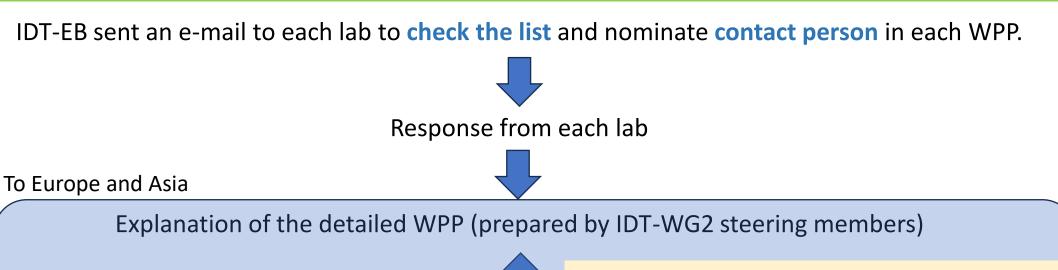
KEK / IDT-WG2 Shin MICHIZONO (KEK)

• ITN current status

• LCWS2024

ITN next step





We prepared example of contribution as a template and send it to the contact person of each contact person.

Receive possible contribution plan from each lab. (Or questions from each contact person)

Report them from IDT-WB2 to IDT-EB

IDT-EB will consider the ITN framework

Concerning WPP-14, IDT-EB approved the contribution from JAI.

IDT-WG2 (Feb.6, 2024)

Example of contribution



			Items	Contribution
		Cavity production	1-cell cavities: Fundamental research	six 1-cell cavities to be produced, tested incl. parameter
			(number of 1 cell cavity)	search for High-Q/High-G
			9-cell cavities: HPGS regulation issues to be	
			settled (number of 9 cell cavity)	eight 9-cell cavities to be produced incl. HPGS
			Industrial production with globally shared	
WPP	1		contracts	Global contract and material transfer from Japan to overseas
VVFF	Ŧ		1 st vertical test (VT), and further efforts (2 nd	
			and later cycle process)	VT and success yield evaluation for 1st pass and 2nd pass
			Clean room work procedure (Robotics	
			technology to be matured)	Clean work and tools to be updated incl. robotics
			Quality control/assurance	QC/QA of production (ex. eddy current scan, tests related to HPGS)
		CM design	Finalization of envelope drawing including	Drawing work for tuner, power coupler, magnetic shield, SC-Q
WPP	2		tuner, coupler, SC magnet	magnet/BPM and CM
			High pressure gas safety regulation	Documentation and inspection related to HPGS

LCWS2024 @Tokyo 8-11 July





https://agenda.linearcollider.org/event/10134/overview

8–11 Jul 2024 The University of Tokyo, Japan Asia/Tokyo timezone

Enter your search term

Q

Overview

Call for Abstracts Registration Participant List Study Groups and Conveners

Location

Travel & Visa

Accommodation & Meals

Satellite meetings (12th

Sponsors

July)

Proceedings

Committees

Previous LCWS

The 2024 International Workshop on Future Linear Colliders (LCWS2024) continues the series devoted to the study of the physics, detectors, and accelerator issues relating to high-energy linear electron-positron colliders. A linear collider will initially operate as a Higgs factory, and provides a clear path for upgrades in energy and luminosity. Since the last workshop (LCWS2023), many significant steps have been made. With a wide program of plenary and parallel sessions, this workshop will provide an opportunity to present ongoing work and to get informed and involved.

The workshop is scheduled from the morning of 8th of July to the late afternoon of 11th of July, at the University of Tokyo (Hongo campus) located in the heart of Tokyo. The day after the main workshop, Friday 12th July, is available for satellite meetings related to the workshop.

In-person attendance at the workshop is encouraged, however remote participation in only the parallel sessions of the workshop will be possible, with a reduced registration fee.

Key dates

- Early February 2024: Registration and abstract submission opens
- April 15th: Student support (waived registration) application deadline
- April 26th: Abstract submission deadline
- May 24th: Early registration ends
 - July 8th: Workshop begins

Registration started!

Contact

Next IDT-WG2 meeting



Next IDT-WG2 meeting : March 5, 2024 (4 weeks later)

European summer time: March 31-American summer time: March 10-