

*Shin MICHIZONO (KEK/IDT-WG2)*

*(April 6, 2021)*

- Membership
- Revision of the Technical Preparation Document
- Interim proposal
- Final documentation

# IDT-WG2 new members

IDT EB

IDT WG2  
Shin Michizono (Chair)  
Benno List (Deputy)

*Crab cavity sub-group is established.*

*Convener: Peter McIntosh (STFC)*

*Four groups: ML&SRF, DR/BDS/Dump, Sources, Civil*

*Two sub-groups:*

*-Dump sub-group under DR/BDS/Dump*

*-Crab sub-group under ML&SRF*

ML&SRF group

DR/BDS/Dump group

<b>Yasuchika Yamamoto</b>	<b>KEK</b>
Sergey Belomestnykh	FNAL
Nuria Catalan	CERN
Enrico Cenni	CEA
Dimitri Delikaris	CERN
Luis Garcia Tabares	CIEMAT
Rongli Geng	ORNL
Hitoshi Hayano	KEK
Bob Laxdal	Triumf
Matthias Liepe	Cornell
Peter McIntosh	STFC
Laura Monaco	INFN Milano
Olivier Napoly	CEA
Sam Posen	FNAL
Robert Rimmer	JLAB
Marc C. Ross	SLAC
Kensei Umemori	KEK
Hans Weise	DESY
Akira Yamamoto	KEK

<b>Toshiyuki Okugi</b>	<b>KEK</b>
Karsten Buesser	DESY
Philip Burrows	U. Oxford
Angeles Faus-Golfe	LAL
Andrea Latina	CERN
Kiyoshi Kubo	KEK
Jenny List	DESY
Thomas Markiewicz	SLAC
Brett Parker	BNL
Ivan Podadera	CIEMAT
David L. Rubin	Cornell
Nikolay Solyak	FNAL
Nobuhiro Terunuma	KEK
Glen White	SLAC
Kaoru Yokoya	KEK
Mikhail Zobov	INFN LNF

Dump sub-group

<b>Nobuhiro Terunuma</b>	<b>KEK</b>
Toshiyuki Okugi	KEK

Crab sub-group

<b>Peter McIntosh</b>	<b>STFC</b>
Yasuchika Yamamoto	KEK

Sources group

<b>Kaoru Yokoya</b>	<b>KEK</b>
Jim Clarke	STFC
Steffen Doebert	CERN
Joe Grames	JLAB
Hitoshi Hayano	KEK
Masao Kuriki	U. Hiroshima
Benno List	DESY
Jenny List	DESY
Gudrid Moortgat-Pick	U. Hamburg
<b>Tsunehiko Omori</b>	<b>KEK</b>
<b>Sabine Riemann</b>	<b>DESY</b>
<b>Peter Sievers</b>	<b>CERN -retired</b>
<b>Tohru Takahashi</b>	<b>U. Hiroshima</b>

Civil engineering group

<b>Nobuhiro Terunuma</b>	<b>KEK</b>
John Andrew Osborne	CERN
Tomoyuki Sanuki	U. Tohoku

# TPD revision

---

- The revisions for each group are summarized.
- The document can be downloaded from indico. <https://agenda.linearcollider.org/event/9179/>
- If you have any comments, please send them to me (and the corresponding group leader) by **Thursday, April 8**, Japan time.
- After approval by IDT-EB, the main text will be uploaded.
- If you need **approval from your lab**. in advance, please use this version to complete the procedure.
  - > **Please let me know if you need approval from the lab before uploading the document.**
- On the indico site, you can also view the appendix (Ver. 5C) and the list of answers (Ver. 3B).
- These are password-protected. (As before)
- After the TPD revision, **each regional representative will start the discussion. (April/May)**

# Interim Proposal

T.Nakada, LCWS2021

## *Interim Pre-lab proposal contents*

- Organisational structure and governance model
- Possible legal structure and Pre-lab start-up scenario
- Work packages for Machine technical work
- Machine engineering design work
- Civil engineering and site related work
- Timeline for preparing the physics programme
- Reference cost for the Pre-lab work

TPD is the reference document of this "Interim Pre-lab proposal".

Preliminary draft with all the contents exists, and editorial work starts now. Also waiting for the final report from the technical review on the work package list. Plan to finish in a month or so.

<b>Subject:</b>	[ILC-IDT-WG2] Draft of the accelerator section in "Interim proposal" (by April 9, JST)
<b>Date:</b>	Tue, 6 Apr 2021 20:40:03 +0900
<b>From:</b>	Shinichiro MICHIZONO <shinichiro.michizono@kek.jp>
<b>Reply-To:</b>	ilc-idt-wg2@ml.post.kek.jp
<b>To:</b>	ilc-idt-wg2@ml.post.kek.jp <ilc-idt-wg2@ml.post.kek.jp>

Dear IDT-WG2 members,

***Please check today's e-mail***

Here I attached the draft of the accelerator part of "Interim Proposal for the ILC Pre-lab". This interim proposal includes Pre-Lab structure, accelerator related activities at Pre-Lab, Physics explained before at IDT-WG2 meeting. This will be finalized in a few weeks and be approved by ICFA. If you have any comments, please inform me by this Friday (April 9).

- This interim proposal will be finalized in a few weeks and be approved by ICFA.
- If you have any comments, please inform me by **this Friday (April 9)**.
- Concerning **accelerator part**, I picked up from revised "**technical preparation document (TPD)**" (ver.5C) (area-system overview, WP technical preparation plan).
- "final documentation" part is based on the "EDR\_ver2.doc".  
<https://agenda.linearcollider.org/event/9047/>
- Total FTEs during Pre-Lab phase are based on the KEK action plan.  
<https://agenda.linearcollider.org/event/8659/>
- For civil engineering, I asked Terunuma san, the leader of civil engineering group in IDT-WG2, to prepare materials.

# Next step

---

Accelerator activities at Pre-Lab phase

1. Technical preparations
2. Final technical design and documentation
3. Preparation and planning of deliverables
4. Civil engineering and local infrastructure for the site

After the TPD revision, we will continue the support of discussion about WP sharing.

In addition, we should start the discussion about “2. Final technical design and documentation”

In IDT-EB, there was a desire to discuss “technical preparation” and “final documentation (EDR)” as a set with the labs.