

IDT-WG2 report

KEK / IDT-WG2 Shin MICHIZONO (KEK)

- ITN Information meeting



- Next step
- Next IDT-WG2 meeting : Nov.28, 2023 (4 weeks later)

ITN Information Meeting @CERN



ILC Technology Network Information Meeting was organized by KEK and IDT. The meeting was in a hybrid mode. Face to face at CERN with remote connection. October 16th and 17th (3PM-6PM in European time)

Around 70 joined to this meeting. Lab's interests were shown from >20 institutes.

15:00	Welcome <i>IT auditorium (Oct.16), TE auditorium (Oct. 17), CERN</i>	<i>Dr Masanori Yamauchi</i> 15:00 - 15:05
	Introduction to ITN and goal of the meeting <i>IT auditorium (Oct.16), TE auditorium (Oct. 17), CERN</i>	<i>Shinichiro Michizono</i> 15:05 - 15:30
	Introduction to Work Area SRF <i>IT auditorium (Oct.16), TE auditorium (Oct. 17), CERN</i>	<i>Yasuchika Yamamoto</i> 15:35 - 15:55
16:00	Introduction to Work area Sources <i>IT auditorium (Oct.16), TE auditorium (Oct. 17), CERN</i>	<i>Dr yoshinori enomoto</i> 16:00 - 16:20
	Coffee break <i>IT auditorium (Oct.16), TE auditorium (Oct. 17), CERN</i>	16:25 - 16:45
	Introduction to Work Area Nano-beam <i>IT auditorium (Oct.16), TE auditorium (Oct. 17), CERN</i>	<i>Angeles Faus-Golfe</i> 16:45 - 17:05
17:00	Overall discussion on Work Areas <i>IT auditorium (Oct.16), TE auditorium (Oct. 17), CERN</i>	17:10 - 17:30
	Presentation by Laboratories I <i>IT auditorium (Oct.16), TE auditorium (Oct. 17), CERN</i>	17:30 - 18:00
18:00		

15:00	Presentation by Laboratories II <i>IT auditorium (Oct.16), TE auditorium (Oct. 17), CERN</i>	15:00 - 16:15
16:00	Coffee break <i>IT auditorium (Oct.16), TE auditorium (Oct. 17), CERN</i>	16:15 - 16:35
	Discussion toward harnessing ITN <i>IT auditorium (Oct.16), TE auditorium (Oct. 17), CERN</i>	16:35 - 17:45
17:00	Conclusions and future plan <i>IT auditorium (Oct.16), TE auditorium (Oct. 17), CERN</i>	<i>Tatsuya Nakada</i> 17:45 - 18:00
18:00		

Lab's interest

Preliminary list of the interests (to be confirmed by Labs).

			comments	KEK	BNL	JLab	CERN	INFN	JAI	ANSTO	Korea.U	PAL	DESY	ASTeC	CIEMAT	IFIC	IRFU	IJCLab	ANL	U. Hamburg	Cornell	FNAL	LBNL	SLAC	TRIUMF	ODU		
SRF	WPP	1	Cavity production	Asia/Eu./Am.	✓		✓	✓	✓		✓	✓	✓				✓	✓	✓		✓	✓	✓	✓	✓	✓		
	WPP	2	CM design	Asia/Eu./Am.	✓			✓				✓			✓	✓	✓	✓	✓			✓		✓	✓	✓		
	WPP	3	Crab cavity	RFD, QMIR, (Elliptical)			✓	✓						✓					✓			✓	✓		✓	✓	✓	
Sources	WPP	4	E- source			✓						✓							✓		✓			✓				
	WPP	6	Undulator target				✓												✓	✓			✓					
	WPP	7	Undulator focusing				✓												✓	✓			✓					
	WPP	8	E-driven target		✓		✓												✓	✓								
	WPP	9	E-driven focusing		✓														✓	✓								
	WPP	10	E-driven capture		✓															✓					✓			
	WPP	11	Target replacement		✓																							
Nano beam	WPP	12	DR System design		✓	✓			✓	✓		✓							✓				✓	✓				
	WPP	14	DR Injection/extraction		✓				✓										✓				✓	✓				
	WPP	15	Final focus	KEK-ATF	✓			✓	✓		✓								✓			✓		✓				
	WPP	16	Final doublet			✓													✓									
	WPP	17	Main dump		✓			✓				✓																

Next step

IDT-EB sent an e-mail to each lab to **check the list** and nominate **contact person** in each WPP.



now

Response from each lab



Explanation of the detailed WPP (prepared by IDT-WG2 steering members)

iteration



Contribution plan from each lab. (Or questions from each contact person)

November?



Report them from IDT-WB2 to IDT-EB



IDT-EB will consider the ITN framework