

CRYOGENICS SYSTEMS

Tuesday 01/12/20

Chicago Time	Duration	Title	Presenter	Institute
9:10 AM	0:20	Design status & development of PIP-II Cryogenic Distribution System	Andrew Dalesandro	FNAL
9:30 AM	0:15	Discussion		
9:45 AM	0:15	Cryoplant integration process design	Joaquim Creus-Prats	FNAL
10:00 AM	0:15	Cryoplant integration technical design	Jitendra Kumar	BARC
10:15 AM	0:30	Discussion		
10:45 AM	0:15	CDS design capacity and requirements	Ashish Shukla	RRCAT
11:00 AM	0:15	Cryogenic Distribution System operating modes	Ram Dhuley	FNAL
11:15 AM	0:30	Discussion		
11:45 AM	0:15	Summary talk for day 1	Pawel Duda Andrew Dalesandro	WUST FNAL
12:00 PM	0:00	Session End		

Wednesday 02/12/20

Chicago Time	Duration	Title	Presenter	Institute
7:30 AM	0:15	CDS Pressure safety relief sizing methodology: trapped volumes, operational scenarios, failure scenarios, and vacuum reliefs	Tomasz Banaszekiewicz	WUST
7:45 AM	0:15	CDS Pressure safety relief sizing Direct Integration Method; CM 2 K relief sizing methodology	Ashish Shukla	RRCAT
8:00 AM	0:30	Discussion		
8:30 AM	0:20	ESS design solutions for CDS transfer lines and cryogenic vessel supports	Pawel Duda Jaroslaw Polinski	WUST
8:50 AM	0:10	LCLS-II design solutions for CDS transfer lines and cryogenic vessel supports	Bill Soyars	FNAL
9:00 AM	0:30	Discussion		
9:30 AM	0:15	Break		
9:45 AM	0:30	Thermalization of thermal shields, proposed and proven solutions of thermal connections between steel and aluminium/copper - experiences and best practices	Pawel Duda Jaroslaw Polinski Grzegorz Michalski	WUST
10:15 AM	0:30	Discussion		
10:45 AM	1:00	Summary talk for day 2	Pawel Duda Andrew Dalesandro	WUST FNAL
11:45 AM	0:00	Session End		

Thursday 03/12/20

Chicago Time	Duration	Title	Presenter	Institute
7:30 AM	0:15	Stress and flexibility of bayonets, control valves, and supports	Pawel Duda	WUST
7:45 AM	0:15	Stress and flexibility criteria for bayonets	Ram Dhuley	FNAL
8:00 AM	0:30	Discussion		
8:30 AM	0:30	Thermo-mechanical FEA models development, specification, and methodology	Pawel Duda	WUST
9:00 AM	0:30	Discussion		
9:30 AM	1:00	Summary talk for day 3/Closeout/Report	Pawel Duda Andrew Dalesandro	WUST FNAL
10:30 AM	0:00	Session End		