

3rd T4CM - Type IV ILC Cryomodule Meeting

Tuesday, 23 January 2007

Cryogenic aspects (14:00 - 18:00)

time	[id] title	presenter
14:00	[19] Cryomodules as Part of the ILC Cryogenic System	Mr PETERSON, Tom
14:20	[38] ILC Cryomodule Piping	TAVIAN, Laurent Jean
14:30	[20] Cryomodule heat loads -- latest estimates	TBD
14:40	[21] Measuring cryomodule heat on a test stand or in a string	TBD
15:00	[26] Cryomodule test stands	
15:20	[27] Helium flow rates and pressure drops as estimated for ILC	
15:40	[32] Cryomodule operation experience at TTF	
16:00	[28] Magnet cooling within the cryomodule	
16:10	[29] Magnet current leads	
16:20	[30] Are flow-induced vibrations a concern for ILC?	
16:30	[31] Cryomodule instrumentation -- both for prototype and also in the ILC	
16:40	[33] Cryomodule maximum allowable pressures for each circuit	
16:50	[34] Emergency venting with loss of vacuum, spacing of vacuum breaks	
17:00	[35] String end box features and issues	
17:10	[36] Possible trade-offs of cryomodule complexity with refrigeration size (do we need to worry about every Watt? Or is there a beneficial trade-off with some simplification of MLI, etc.)	