

ITk Integration Workshop

Thursday, 5 June 2025

Half-cylinder integration and test: Half-cylinder integration and test - Aula Conversi (09:00 - 13:00)

time	[id] title	presenter
09:00	[1] Procedure & tooling for Installation of half-cylinder into cradles & pre-alignment, half-cylinder joining trials	
09:20	[2] Procedure & tooling for Installation of Type-1 cooling interconnect & testing	
09:40	[3] Procedure & tooling for Installation of Tpe-1 electrical services, environmental sensors, etc & testing	
10:00	[4] Procedure & tooling for Installation of half-rings, cable connections, low-power mode testing, orbital welding, etc	
10:20	[5] Procedure for Half-cylinder testing: pressure testing, leak checking, low power mode, transfer to climate chamber, thermal expansion de-coupling, warm CO2, cold CO2, passive thermal cycle to min OTR, re-test with (warm?) CO2	
10:40	[12] Cooling system	COELLI, Simone