



# ETpathfinder workshop January 2024

## Thursday, 1 February 2024

### Cryogenics Plenary - Atrium (14:00 - 16:00)

time	[id] title	presenter
14:00	[31] the potential of liquid Nitrogen as fall-back solution for 3rd-generation GW detectors	HILD, Stefan
14:15	[32] research activities with LN2 in Twente and Maastricht	VERMEER, Cris BULTEN, Henk Jan
14:30	[26] project organization 10K cooling project	KUNST, Romaine
14:45	[27] Concepts for the 10K cooling	VAN LIMBEEK, Michiel
15:00	[28] 10K Sorption cooler	XHAHI, Arvi
15:15	[29] planning and realization 10K cryogenics	VAN LIMBEEK, Michiel KUNST, Romaine
15:30	[30] Q&A 10K cryogenics	
15:45	[33] overview design of thermal shields and cryogenic lines	GARCIA, Rafael