



ETpathfinder Workshop Intro

1st of February 2024



A few points for the morning sessions

- Would be good to find **concrete ways to involve new folks/partners**.
- For everyone: Think about what **parts of Etpathfinder finder work you can try to get into local/regional/national grants**.
 - Very unlikely we will get any big consortium grant again in the near future.
 - However, there are many smaller opportunities: Next FWO grant on Flemish side, Barcelona is currently writing a grant including Etpathfinder topics, what opportunities are there on the German side etc....
 - Goes without saying the myself and the WP-leaders are happy to support and help think along.
- Please think about **Milestones** and come prepared to the session at 5pm today.
- Related: From 6-10th of May we have the annual **ET symposium** here in Maastricht. Maybe people will be interested to see Etpathfinder. What do we want to show them? What can we show them?



Overview of the Program: Tomorrow

09:00	Introduction Workshops Atrium, Maastricht University DUB30 09:00 - 09:30			
	PLC control <i>Thomas Thuenmler</i>	WP 5 Seismic Isolation: B	WP6 Optics: C	WP 7 Controls: D
	(workshop) time for discu... <i>Thomas Thu...</i>			
10:00	Status of the vibrationally-... <i>Luise Kranz...</i>			
	(workshop) design and di... <i>Rafael Garcia</i>			
	design and discussion thermal shields and cryogenic lines <i>Rafael Garcia et al.</i>			
11:00				
	plans for measurements/upgrades LN2 system in Twente <i>Cris Vermeer et al.</i>			
12:00		1.047, Meetingroom GWFP, Maastricht University DUB30 09:30 - 12:30	Atrium, Maastricht University DUB30 09:30 - 12:30	0.223 ETPf Controlroom, Maastricht University DUB30 09:30 - 12:30
	Lunch Atrium, Maastricht University DUB30 12:30 - 14:00			
13:00				
	Atrium, Maastricht University DUB30 12:30 - 14:00			

Cryogenics =
Visitor gallery

Seismic isolation +
Controls =
GWFP meeting room

Optics=
Atrium

	Lunch Atrium, Maastricht University DUB30 12:30 - 14:00	
13:00		
	Atrium, Maastricht University DUB30 12:30 - 14:00	
14:00	the potential of liquid Nitrogen as fall-back solution for 3rd-generation GW detectors <i>Stefan Hild</i> Atrium, Maastricht University DUB30 14:00 - 14:15	
	research activities with LN2 in Twente and Maastricht <i>Cris Vermeer et al.</i> Atrium, Maastricht University DUB30 14:15 - 14:30	
	project organization 10K cooling project <i>Romaine Kunst</i> Atrium, Maastricht University DUB30 14:30 - 14:45	
	Concepts for the 10K cooling <i>Michiel van Limbeek</i> Atrium, Maastricht University DUB30 14:45 - 15:00	
15:00	10K Sorption cooler <i>Avi Khazi</i> Atrium, Maastricht University DUB30 15:00 - 15:15	
	planning and realization 10K cryogenics <i>Michiel van Limbeek et al.</i> Atrium, Maastricht University DUB30 15:15 - 15:30	
	Q&A 10K cryogenics Atrium, Maastricht University DUB30 15:30 - 15:45	
	overview design of thermal shields and cryogenic lines <i>Rafael Garcia</i> Atrium, Maastricht University DUB30 15:45 - 16:00	
16:00	Break Atrium, Maastricht University DUB30 16:00 - 16:30	
	E-Test Seismic Isolation <i>Anthony Amorosi</i> Atrium, Maastricht University DUB30 16:30 - 17:00	
17:00	Mile stones: planning/ pooling Atrium, Maastricht University DUB30 17:00 - 18:00	
	Atrium, Maastricht University DUB30 17:00 - 18:00	