



TE Department Technical Meetings

Introduction
to new format

Monday, 22nd April 2024

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Introduction

Welcome to the 210th TE Technical Meeting!

We adopted a new format, driven by the will to refresh this series of meetings to foster **participation** and **interaction**.

- We have opened the invitation (and Indico page) also to fellow, graduates, and doctoral students
- Meetings to be held exclusively in-person
- Representatives of each TE group in the committee
- Allocated more time for discussions

TE-TM Program Committee Team

Chair:



Arnaud Devred



Laurent
Delprat



Patricia
Borges de
Sousa



Cedric
Hernalsteens



Mariusz
Wozniak



Algirdas
Baskys



Lucie
Baudin



Marco
Morrone



Valentine
Petit

TE/CRG

TE/MPE

TE/MSC

TE/VSC

Practical information

-  **When:** Monday 10:00 to 12:00
-  **Where:** 30/7-018 Kjell Johnsen Auditorium
-  **How often:** once a month – next dates are May 6th, June 3rd, July 1st (tbc)
“save the date” will be sent for dates up to summer
-  **Who takes part:** Scientific & Engineering staff, graduates, doctoral students
- www Indico page:** [Technical Meeting - Indico \(cern.ch\)](#)
Agenda, links to the materials stored in EDMS
-  **Contact:** TE-TM-ProgramCommittee@cern.ch

Monday	
08:00	
09:00	
10:00	TE-TM 10:00 – 12:00 30/7-018
11:00	
12:00	
13:00	

save
the date!

New structure

Operations

1-2 talks per TE-TM (15' + 5')

- Status updates and lessons learned from both LHC and non-LHC operation
- Issue-oriented

Engagements

1-2 talks per TE-TM (30' + 5')

- Showcase projects that TE is directly involved with that might be transversal to several groups
- Special focus on collaborations with external partners

Mini-workshops

Full morning, once per trimester

- Technology-oriented 'mini-retreats' on topics that are common to all groups within TE and that can benefit from a forum where knowledge can be shared
- Should be the platform where future developments get proposed, accepted, organised

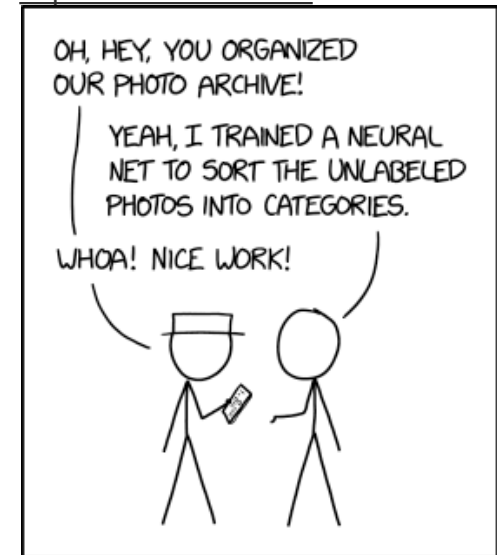
Mini-workshops

When: 1st workshop planned for mid-September

Topic: Artificial Intelligence (AI) and Machine Learning (ML), and its applications within TE

Speakers: to be confirmed, suggestions for talks/speakers are welcome!


<https://xkcd.com/2173/>





ENGINEERING TIP:
WHEN YOU DO A TASK BY HAND,
YOU CAN TECHNICALLY SAY YOU
TRAINED A NEURAL NET TO DO IT.
















Today's agenda

210th TE-TM meeting

 Monday 22 Apr 2024, 09:20 → 11:45 Europe/Zurich

 30/7-018 - Kjell Johnsen Auditorium (CERN)

 Arnaud Devred (CERN) , Marco Morrone (CERN) , Mariusz Wozniak (CERN)

09:30 → 10:00	Welcome Coffee	 30m
10:00 → 10:05	Introduction to the new TE-TM format Speaker: Dr Patricia Tavares Coutinho Borges De Sousa (CERN)	 5m 
10:05 → 11:00	Status report Speakers: Christoph Wiesner (CERN), Benjamin Bradu (CERN)	 55m 
	2024 LHC and injectors restart Speaker: Christoph Wiesner (CERN)	 30m 
	Measurement of LHC cryo-capacity Speaker: Benjamin Bradu (CERN)	 25m 
11:00 → 11:35	New TE engagements Speaker: Carlo Scarcia (Rheinisch Westfaelische Tech. Hoch. (DE), CERN)	 35m 
	The Einstein Telescope beam pipe vacuum system Speaker: Carlo Scarcia (Rheinisch Westfaelische Tech. Hoch. (DE), CERN)	 35m 
11:35 → 11:40	AOB	 5m 

Thank you for your participation!