Credit: CERN-PHOTO-202310-230-4

**TE Department
Technical Meetings**

**Introduction
to new format**

*Monday, 22nd April 2024*

# Introduction

Welcome to the 210$^{th}$ 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 fellows, 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

**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 – "save the date" will be sent for dates up to summer

**Who takes part:** Scientific & Engineering staff, graduates, doctoral students

**Indico page:** Technical Meeting · Indico (cern.ch)
Agenda, links to the materials stored in EDMS

**Contact:** TE-TM-ProgramCommittee@cern.ch



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!
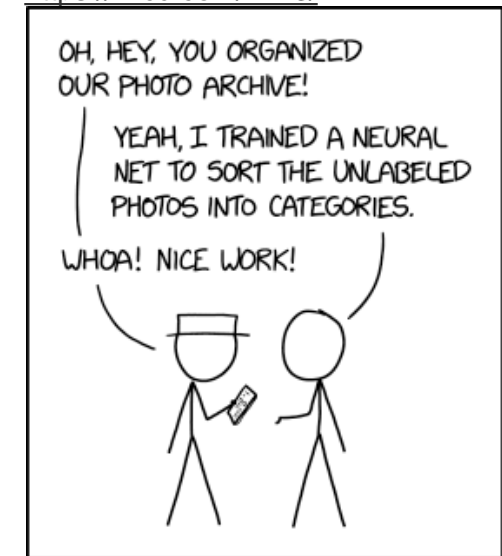
https://xkcd.com/2173/

# 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** — 🕐 5m
Speaker: Dr Patricia Tavares Coutinho Borges De Sousa (CERN)

**10:05 → 11:00  Status report** — 🕐 55m
Speakers: Christoph Wiesner (CERN), Benjamin Bradu (CERN)

2024 LHC and injectors restart — 🕐 30m
Speaker: Christoph Wiesner (CERN)

Measurement of LHC cryo-capacity — 🕐 25m
Speaker: Benjamin Bradu (CERN)

**11:00 → 11:35  New TE engagements** — 🕐 35m
Speaker: Carlo Scarcia (Rheinisch Westfaelische Tech. Hoch. (DE), CERN)

The Einstein Telescope beam pipe vacuum system — 🕐 35m
Speaker: Carlo Scarcia (Rheinisch Westfaelische Tech. Hoch. (DE), CERN)

**11:35 → 11:40  AOB** — 🕐 5m

# Thank you for your participation!