

General News

03.02.25

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Science and
Technology
Facilities Council

DUNE/LBNF Schedule Update

- In his talk about LBNF/DUNE on Monday 27, Jim Kerby reported a 6-months delay in the far site caverns AUP

- ▶ AUP : Authorisation and Possession

- This is the result of multiple factors:

- ▶ explosive remnants in the cavern walls
- ▶ underground labor contracts
- ▶ issues with underground crane rails

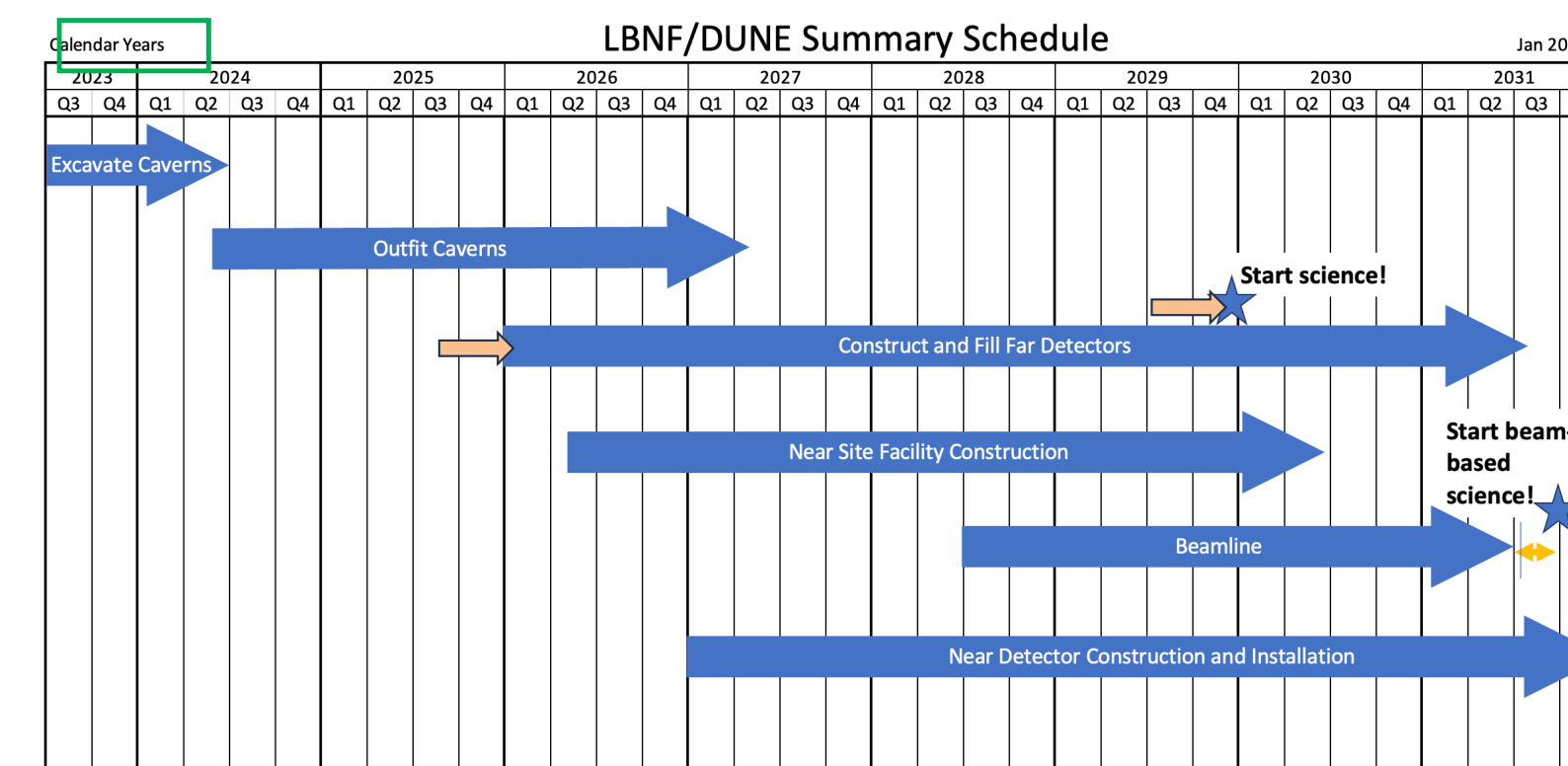
- The updated FDC installation schedule has not been released yet but a 6-month delay in the start of the FD-VD installation is to be expected

- For what the DAQ is concerned, we are aiming at maintaining the current schedule for PRRs and critical developments

- ▶ An assessment of the impact on DAQ activities will be done when the schedule is out

From J. Kerby's talk at the CM Plenary

Schedule



10

01.27.2025

J. Kerby | LBNF Status

LBNF/DUNE



Slow Controls

- **The Slow Controls scope was separated from the DAQ consortium in 2021**
 - ▶ The level of activity remained low-to-very low until recently
- **In the past months, the DUNE leadership has identified a, Ting Miao, senior scientist at FNAL, to lead the SC effort**
 - ▶ Our own Geoff Savage has joined the effort recently
- **Planning is in progress, together with assessment of interfaces with the FDC consortia**
 - ▶ There has been no communication with DAQ yet, but we expect a first-contact soonish



ND Updates: Interface Control Documents

- **ND-LAr**
 - ▶ Decided to split charge and light ICDs due to large difference in readiness
 - ▶ FDRs will go ahead in May and June
 - ▶ Work to recommence after TMS review
- **TMS**
 - ▶ Review scheduled imminently
 - ▶ Draft ICD revision currently ongoing
 - ▶ Determined that TMS & SAND will use the same CAEN concentrator boards: can share negotiation for DTS integration
- **SAND**
 - ▶ Electronics development still ongoing for Tracker & GRAIN
 - ▶ Developing requirements for extension of scope to fixed latency beam signal delivery



Activities at the Neutrino Platform at CERN

- Everyone should be aware by now of the serious accident that took place in 182 at CERN, on Friday January 17, thankfully without long-term consequences for those involved.
- Following the accident, all the NP activities at CERN have been put on hold pending a formal investigation
 - ▶ The recommendation of the investigation panel are due on Friday this week (February 7)
 - ▶ The restart of activities at CERN will depend on the recommendation and their implementation - we will know more sometime next week.
- **Meanwhile: No unauthorised access to NP-managed equipment managed at CERN is permitted without previous agreement of NP and EP safety.**
 - ▶ AND: only interventions critical for detector safety or maintenance will be considered.



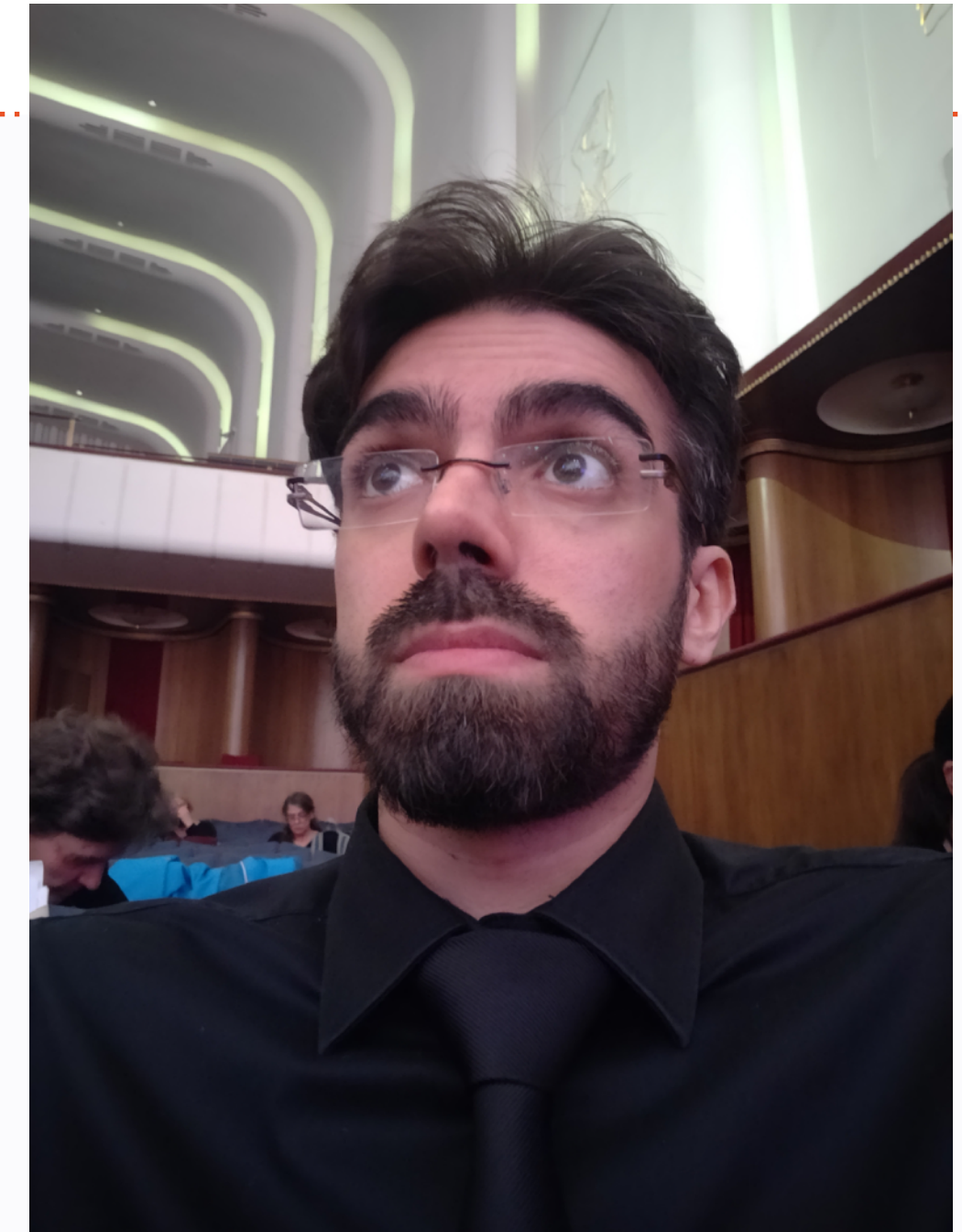
DAQ Planning for NP02

- The uncertainties on the NP02 schedule and plans will persist for a few more weeks
- As we know, the DAQ agenda in 2025 (once more) very intense (NP02, PRRs, developments)
- We need to push ahead with NP02 preparations to get ready as soon as possible and move the focus back to DAQ development for the FD.



NP02 DAQ Run Coordination

- Wes, who has acted as EHN1 activity coordinator first, and NP04 DAQ Run Coordinator later, will step down at the end of March
- Marco Roda from Liverpool has accepted to take over from Wes.
- Marco is ramping up his engagement in the NP02 planning for DAQ and is now a CT member.
- Marco is expected to move back to CERN at the beginning of March to shadow Wes for a month



Fin

