2023 DUNE-FRANCE Meetings

Coordinates

Tuesdays: 10am ParisZoom: <u>ClickToConnect</u>

• Indico: here

Past logs: 2022 Census: sheet

September 20th

- News (Dario):
 - Testing: AMC (card+firmware) (since 21/8); mockups (more discussion needed when/how/where... FDC meet 16-20/10)
 - Meetings:
 - Past:
 - integration 23/8, technical board 30/8; EB in July; SPSC 1-5/9 (LAr price much higher, electricity cost, ;plans and priorities for 2024 ... discussion to be resumed in Nov)
 - KDP2 follow-up (21/8->5/9)+meet /w DAS 8/9 (ATRIUM 881509 ~14M in 2024 + ~7M of CP)
 - Analyses: protoDUNE sim/reco (4 of them between 25/8 and 15/9), FD sim/reco (11/9, 18/9); analysis discussion France (13/9)
 - Next:
 - KDP follow-up for HR: meet w/ labs direction 21–22/9;
 - DUNE Collb meet (25-29/9) Jean Sebastien will go in person
 - FDC integration/installation meet SURF 16-20/10 → DD, DA, FC will go in person (others can join via zoom 'by invitation')
 - EAP meet $14/11 \rightarrow \text{in Lyon, but can be followed by zoom}$
 - Reviews: FDC sub-project CD2/3 DOE 12-15/9
 - o AOB:
 - EP large production, which required a lot of preparation for both HD and VD (~20M events were produced, nu & anti-nu), produced w/ same version of code. Have a description of sample on <u>Twiki</u> → follow the relevant meeting at the CM
 - Note: data reconstructed up to hit. (higher level reco needs further tune). To be shown at the LBNC. After, the high-level reco will happen → new challenge computing wise
 - EP: last week ProtoD <u>Lino developed a new tool</u> →need to collect use-case
 → use the doc provided in talk to provide feedb-back
- **Roundtable** (all labs; to be filled before the meeting w/ short status reports)
 - o APC:
 - News:
 - Change of group leader: Jaime and Camelia (deputy) take over from Thomas
 - We have Tourniquet this week (starting today 11.30am)
 - Collab meet next week: several talks
 - HE WG: ICheong (vtx reco), Henrique (E, ang reco), Pierre (MaCh3 & oscillation), Camille (sterile nu)
 - FD Sim/Reco: Pierre (atm sample production & analysis)
 - o PDS cold/warm electronics: possibly a talk (Jaime or Sabrina)

- Paper w/ contribution from group members, on a differentiable TPC simulator, on <u>arxiv</u> (and sent to journal)
- October new PhD student (low-E atm nu) Matteo Galli will join
- Detector development:
 - Preparing for Module 1 run (required for PRR)
 - Sabrina was at CERN last week
 - o calendar changed looking to start coldbox in December (?)
 - Working on the 'cold-proof' option for the SoF laser driver

IJCLAB/Orsay:

- Detector development:
 - The 48-cards cold flange has been mounted with connectors at IPHC and is now back at IJCLab.
 - Design on the warm flange is still on-going after receiving feedback from IP2I
 - Heating cards (chaufferette) mimicking FE cards are under-production
- Analysis activities:
 - Start of the first ProtoDUNE-VD simulation campaign with cosmics, radiological and electrons (1 GeV)
- AOB:
 - Discussion started about the analysis workshop in November at IJCLab.

o IP2I/Lyon:

- Detector development:
- Analysis activities:
- AOB:

LAPP/Annecy:

- Detector development:
- Analysis activities:
 - 50L analysis with Joshua and Coldbox
 - Lardon development towards protodune-vd
 - DP paper internal review
- AOB:
 - Luis Manzanillas (CPJ) and Yann Querlioz (PhD Stereo/dune) arrive on 2nd of October
 - Laura is next co-convener DRA

o LPSC/Grenoble:

- Detector development:
 - Some of the tooling for CRP assembly has been delivered, will be mounted and tested in October and could be used for assembly of future prototypes.
 - Cold bath isolation has been done this summer (cover not yet build)
 - Test of cold bath has been done last week. 1300 liters of liquid nitrogen has been used from tank and allow to fill the bath with 850

liters after cooldown. Level of LN2 was recorded and analysis is underway. Evaporation ~ 650 l/24h. Full bath during production (2500 liters) will evaporate in 3 days.

- Allow estimation of:
 - LN2 volume needs for CRP assembly.
 - Evaluate ODH and needed airflow.
 - o Time to fill 2500 liters ~ 2h30
- Analysis activities:
 - Work on Atmospherics simulation produce by pierre still underway
 - Thomas is finalizing DriftY geometry and CRT implementation in module0 simulation. Goal is to try a production in parallel of a cosmic DriftX in October.
- AOB:

LP2I/Bordeaux:

- Detector development:
- Analysis activities:
- AOB:
- AOB:
 - Cedric
 - expect some work to finalize budget, and after HR meet also some further readjustments
 - For JF- you organize a small meeting → things are frozen? –JF: date not frozen (likely 6/10). Originally small meet w/ 3 labs, but opened for everybody involved in Catia.

28th June

- News (Dario):
 - Meets:
 - Past:
 - DRA 28/6; RS/RT meet for half-year budget status 16/6
 - IRN neutrino 19-20/6: 3 DUNE talks Henrique, Laura, Slavic
 - PDR for comp/soft 22-23/6; FDC CD 2/3 dir review 22-23/6—>
 positive outcome
 - Next:
 - Technical board 28/6—Dominique will present-FD2
 thermometry-some worries for impact on CRPs/cathode (main
 question probably if want to have such a system). Bkgd info: goal to
 measure 15mK to analyze some fluid dynamics→ should exist a
 simpler way to get the desired info
 - VD integration meet: dedicated to continuation of integration test discussions —probably 5/7
 - Q: Open to everybody he meeting? →yes

Activities:

 installation of dedicated timing integration setup in EHN1 DAQ, mimicking FD2. Several successfully tested things: capability of DTS to provide 1PPS and 10MHz to WR switch, consistency of time-stamping data, measurements of connection delays, etc

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- **Roundtable** (all labs; to be filled before the meeting w/ short status reports)
 - o APC:
 - Detector development:
 - After feedback from FDR, continue to work on finding replacements for CMOS parts. Found 2 op-amps, but they are not direct swaps for CMOS one we are currently using.
 - Producing 24 cards (electronics only) for laser longevity tests that Fermilab plan to start in August.
 - Q: method? →swap it or ...→It might not be the only effect on longevity→because voltage used, not really a test..
 - Ariel participating to PoF / LDO stability testing at Fermilab
 - Analysis activities:
 - <u>Pierre</u> writing an oscillator calculator for the HE WG (per agreement during discussion on sample production+CAF content w/ HE/LBL WG conveners and CAF developer). <u>ICheong</u> finishing homework agreed w/ Pandora team before deciding direction of developments. <u>Camille</u> setting up a sterile neutrino w/ atm nu analysis, starting from Km3Net code of Joao. Henrique working on both Pandora and sterile nu setups, and w/ Mathilde (our intern) finishing a HD vs VD reco comparison.

■ AOB:

- We'll have a 4th PhD student from fall 2023–Alessandra's project on sub-GeV atm nu (interviews finished, candidate selected and accepted the offer)
- <u>DUNE-Fr webpage</u> is up and ready to be filled → brainstormed w/ Elisabetta on the general structure and content. Please check it out, and feel free to send us suggestions.
 - General info for PR purposes: who we are, publications, pictures, talks, etc— whatever considered worth mentioning to broadcast the amount of our contributions to DUNE → public
 - <u>Documentation</u>: ground zero for new-comers (How to-s), and veterans (a log of sorts for things we want to keep easy/fast access to) --> protected as we see fit.
 - NOT meant to be a section that will require much maintenance! → we'll put just the links to existing pages as much as possible.
 - Editing:

- There is some extra formatting that I need to do (and stuff from the Ana workshop I want to add), but afterwards I would ping people to get help filling different sections.
- Start by granting editor power to all permanent stuff → please update the census so I add you.

o <u>IJCLab/Orsay</u>:

- Detector development:
 - 24-cards chimney delivered at IJCLab. Vacuum tests under discussions
 - Chimney-warm flange PCB design is on-going
 - Plan to build a mock-up CRP frame for testing the height adjustment of the cathode.
- Analysis activities:
 - 39Ar analysis presented at ProtoDUNE-VD Sim/Reco's Friday meeting by Emile
 - Beam simulation for testing proton, kaons, pions reconstruction by Mateo
 - GeV electron showers simulation/reconstruction under study by Theophile/Lukas
 - Michel electron analysis on-going and results presented on the 7th of July at the ProtoDUNE-VD Sim/Reco's Friday meeting
- AOB:

o IP2I/Lyon:

- Detector development:
- Analysis activities:
- AOB:

o LAPP/Annecy:

- Detector development:
- Analysis activities:
 - addressing comments received on the DP paper
 - Preparation of 50l data taking and analysis with Joshua
- AOB:
 - our M2 student will start a PhD with us in October. First ~9 months finishing up an analysis in STEREO, then will join the DUNE effort for ~1.5 years.

o LPSC/Grenoble:

- Detector development:
 - Level meters external cables have been installed and checked for continuity. Electronics is plugged and running.
 - Moving of the Grenoble CRTs on NP02 for optimized position for VD is possible but not easy. Fillipo and Xavier will take care of that. The north one can be moved only after the TCO is closed. CRTs geometry has been implement in the larsoft gdml.

- Possibility of new bigger CRTs from Bern group is foreseen and will be discussed
- Analysis activities:
- AOB:

LP2I/Bordeaux:

- Detector development:
- Analysis activities:
- AOB:
- AOB

14th June

- News (Dario):
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 - Director Review June 22-23 (big step towards CD-2/-3)
 - o EAP 2024 14/11
- **Roundtable** (all labs; to be filled before the meeting w/ short status reports)
 - o APC:
 - Detector development:
 - Post FDR: re-design of cold transmitter card (looking for replacement for CMOS parts and better mechanical properties)
 - Progress in warm receiver design, agreed tests with Milano
 - Lab at APC flooded: (trying to re start tests now,
 - Analysis activities:
 - slow progress in production of atmospheric samples
 - implementation of Mach3 for analysis:
 - AOB:
 - Camille, Henrique and i Cheong going to Neutrino Summer School at Fermilab

o IJCLAB/Orsay:

- Detector development:
 - First chimney should be delivered at the end of this week
 - Design of the warm flange PCB has started but challenging due to density of connectors
- Analysis activities:
 - Beam physics in ProtoDUNE-VD using 1 to 5 GeV electrons to test deposition (Mateo, M2) and reconstruction (Theophile, L3)
 - Michel electrons in ProtoDUNE-VD. Preparation of an analysis strategy based on simulation. Selection completeness and purity (Camilo, M1).
 - Still pending test of Pandora reconstruction on ProtoDUNE-VD with cosmics.

- AOB:
 - Mateo Bedes had been granted a PhD grant, so he is joining the group long term
 - Emile is going to Neutrino Summer School at Fermilab

o **IP2I/Lyon**:

- Detector development:
- Analysis activities:
- AOB:

o LAPP/Annecy:

- Detector development:
- Analysis activities: Presentation of LARDON to the DUNE computing Group: https://indico.fnal.gov/event/59930/contributions/267834/attachments/1679 09/224617/lardon lz.pdf
- AOB: Will present the ProtoDUNE-VD & Codbox at IRN neutrino at Subatech next week

o LPSC/Grenoble:

- Detector development:
- Analysis activities:
- AOB:

LP2I/Bordeaux:

- Detector development:
- Analysis activities:
- AOB:
- AOB:

May 17th

- News (Dario):
 - Writing:
 - completion of answers to TDR, sent to LBNC (+some recommendation)
 - April-may: large efforts to prepare the FDR reviews
 - Meets -past:
 - 'Situation' of LAr (its availability)- raised and discussed in several meets (present and plans for future)
 - Discussions w/ cern about collab with them (march-april), in particular
 - crp factory in cern and the manpower allocation for it –they want to produce small number (~15%) w/ cern people and lapp supervision (rest in grenoble)
 - next integration test to assess aspects not dealt in Mod0–superstructures, CRP and HVS installation, PDS fiber routing,
 - Shipments superstructures, chimneys/feb test before PRR,...
 - Integration meet for Mod0 29/march- for bottom CRP

- ResourceReviewBoard 30-31/march in person at SURF→ Laurent there in person
- Ana workshop in Paris 18-19/april
- Annual SPSC review w/ presentation to open session y F. Resnati
- VS integration, FD2-TB, ...
- Detector:
 - Continued CRP tests, cathod 15-15/march; completion of mod0 integration week-work on roof for TDE connections
- Misc:
 - propagation, from KDP2, of info into project management software.
- Next:
 - DUNE collb meet –FNAL 22-27/may
 - Will organize a meeting of RS/RT to make a point on the budget in the 1st half of June
- Q&A: Sabrina- any cleaning envisioned? → DA: yes; also after closure of tso; DD: to discuss more the process, so there is no issue removing the black covers (worries about interferences).--> S: Just don't remove cover before cleaning finished.--> yes, we need to plan cleaning properly (discuss in the integration meeting)
- **Roundtable** (all labs; to be filled before the meeting w/ short status reports)
 - o APC:
 - Detector development:
 - FDR of the PDS during 18-19/04 (lots of doc preparation, now some complementary technical docs)
 - final PDS to be validates in september/october, working towards final electronics
 - PDS coldbox results and system validation planning talks in CM
 - Analysis activities:
 - Pierre finished implementing the atm-nu MC production scheme into the official DUNE software → there is a call now, within HE WG, for people to submit their requests for large-scale official MC sample they need;
 - Looking also to add into the new CAFs information needed for our analysis → another call in all WGs to people to provide feedback for their analyses of interest;
 - We are also getting involved into sterile-nu searches w/ atm-nu in the
 FD
 - AOB:
 - Ariel arrived at Fermilab
 - Have a M2 student, Mathilde Ragot, working on analysis of reconstruction performance for sub-GeV atmospheric neutrinos
 - New PhD position → application deadline is June 5th
 - Several talks planned for the collab meeting: Ariel, Henrique, Pierre,
 Sabrina

o <u>IJCLAB/Orsay</u>:

- Detector development:
 - FDR done for HV and TDE
 - Cathode installation in progress at CERN:
 - The two cathodes are now supported by the Dyneema ropes
 - o Height tuning foreseen next week





Analysis activities:

- PD-VD simulation validation -> testing the charge reconstruction chain
- Started charged particle beam simulation work with Slavic and Matéo
 -> start with electron/muon particles gun with proper starting location/angle w.r.t. to the beam entrance.
- Look at reproducing the TDR DUNE sensitivity to oscillation parameters using https://arxiv.org/abs/2103.04797 released information with Matéo.
- Michel electron reconstruction studies with Camilo
- AOB:
 - M2 student Matéo Bedes working on data analysis -> Doctoral School Application
 - M1 student Camilo Cortes from Universidad de Colombia started this week. Will work on Michel electron analysis with PD-DP data/sims and PD-VD sims.
- Q&A: what is the right height of CRP? → wanted to be able to go to the middle of velo, to reach the liquid level-not clear the liquid level tho; ...; also the position of the FC wrt to cathod has to be right → to be followed in dedicated meet. Side note: the design of scaffolding does not allow to remove the box w/ scafolding in place.

o <u>IP2I/Lyon</u>:

- Detector development:
- Analysis activities:
- AOB: FDRs, TDR, ...

o LAPP/Annecy:

- Detector development: CERN work; preparing some calculations for FDR
- Analysis activities: Reconstruction and Analysis of new CRP5 CB data;
 Preparation for 50 L data in ~June
- AOB: VD-CRP performance talk for CM in preparation

o LPSC/Grenoble:

- Detector development:
 - Level Meters:
 - external cables for module0 have been order and should be available in June
 - Electronics are in place and will be powered soon. DCS people will include the level meters command and readout in the slow control.
 - preparing CRP factories (waiting for invoice for clean tent);
 transportation box from grenoble->surf, and how to handle it from surface to the ground (presentation on this at the CM)
- Analysis activities: VD implementation in LarSoft; charge reconstruction for separation nu vs anti-nu; expecting atmospheric production to work on reconstruction
- AOB:

LP2I/Bordeaux:

- Detector development:
- Analysis activities:
- AOB:

AOB:

- Cedric: budget discussions; Please fill the doodle, and also prepare the material in advance
- o Alessandra:

DUNE Working Groups – (a selection)

see full information at https://atwork.dunescience.org/physics/

WG	Meeting slot	Conveners	Mailing list (@FNAL.GOV)
Long BaseLine (LBL)	Monday 5:00 PM bi-weekly	Callum Wilkinson <callum.wilkinson@lhep.unibe.ch> Luke Pickering <picker24@msu.edu></picker24@msu.edu></callum.wilkinson@lhep.unibe.ch>	DUNE-PHYSICS-LBL
High Energy (HE) atmospherics, BNV	Friday 4:00 PM bi-weekly	Lisa Koerner <lawhiteh@central.uh.edu> Yun-Tse Tsai <yuntse@slac.stanford.edu></yuntse@slac.stanford.edu></lawhiteh@central.uh.edu>	DUNE-PHYSICS-PDK
@MeV: SN, solar	Wednesday 5:00 PM bi-weekly	Clara Cuesta <clara.cuesta@ciemat.es> Dan Pershey <pershdawg@gmail.com></pershdawg@gmail.com></clara.cuesta@ciemat.es>	DUNE-PHYSICS-SNB
Beyond Standard Model (BSM) phenomenology	Tuesday 6:00 PM ~bi-weekly	Justo Martin-Albo <pre><pre><pre><pre><pre><pre><pre>Alex Sousa <sousaae@ucmail.uc.edu></sousaae@ucmail.uc.edu></pre></pre></pre></pre></pre></pre></pre>	DUNE-PHYSICS-BSM

DUNE Analysis Coordinators: Ines Gil-Botella <ines.gil@ciemat.es>, Chris Marshall <chris.marshall@rochester.edu>

DUNE Working Groups – VD sim/reco related

WG	Meeting slot	Conveners	Mailing list (@FNAL.GOV)
Far Detector Sim/Reco	Monday 4:30 PM bi-weekly	Dom Brailsford <d.brailsford@lancaster.ac.uk> Laura Paulucci <lapaulucci@gmail.com></lapaulucci@gmail.com></d.brailsford@lancaster.ac.uk>	DUNE-RECO
ProtoDUNE DRA (Data Reconstruction and Analysis)	Wednesday 4:00 PM weekly	Leigh Whitehead <leigh.howard.whitehead@cern.ch> Tingjun Yang <tjyang@fnal.gov> Wenqiang Gu <wgu@bnl.gov></wgu@bnl.gov></tjyang@fnal.gov></leigh.howard.whitehead@cern.ch>	DUNE-PROTODUNE- ANALYSIS
ProtoDUNE-VD Sim/Reco	Friday 3:00 PM weekly	Wenqiang Gu <wgu@bnl.gov></wgu@bnl.gov>	cenf-vd-integration- analysis@cern.ch, dune-proto-sp-dra @LISTSERV.FNAL.GOV
PDS Physics and Simulation	Monday 4:00 PM weekly	Laura Paulucci <lapaulucci@gmail.com></lapaulucci@gmail.com>	dune-fd-photon-sp- cnsrt@LISTSERV.FNAL.GOV

April 17-18, Ana Workshop, in person in APC

1. Thoughts on Mod 0 opportunities

- a. Initiate charged particle beam simulation with ProtoDUNE-VD
 - i. Start with simple particle gun (electrons, pions, kaons, muons)
 - ii. Muon halo
 - iii. Find and summarize past discussions on beam studies

b. Ask Jean Sébastien about CRT panels

- i. Position of current panels
- ii. Add 2 new modules for TOP/BOTTOM drift volumes?
- iii. Coordinate with photon detection system team (PMTs added on the side)
- iv. Clock distribution integrated among systems

c. Develop simulations at different drift field

- i. Space charge, recombination
- ii. Check CRP voltage margin for the transparency (50L runs in April)

d. Energy reconstruction

- i. Stopping muon energy loss
- ii. Michel electrons
- iii. ...
- e. **Contact physics coordinator/DUNE management** to start thinking about the data taking strategy to coordinate the simulation effort in advance and prepare analysis

2. Computing feedback:

- a. Are you using existing ntuple files?
 - i. aware files are available?
 - ii. variables in the files are useful?
 - iii. variables are missing.....?
 - 1. theta / phi redefinition
- b. Samples missing?
 - i
- 3. <u>Instructions feedback</u>: read and followed instructions as presented but some things didn't work for me:
 - a.

4. Cookies recipes:

a. ...

March 22th

- Indico: here
- News (Dario):
 - Very busy since CM in Jan
 - Many newcomers: welcome!
 - Lyon: Ginevra (PhD), Leila (permanent)
 - Bordeaux: Cedric, Cecile, Christine, Anselmo (permanents)
 - LAPP: Pablo (permanent)
 - Det. work:
 - Intensive work for installation & prep of Mod0
 - Parallel CB tests of bottom
 - TDR: finished answering comments received in Feb.--> new version sent to LBNC on March 16th
 - Installation schedule delayed by few months→ introduced at the last moment → have to understand the consequences (a full re-evaluation of the schedule has not happened)
 - Meets:
 - Acc. Capabilities Enhancement workshop (Jan-Feb),
 - KDP2 review March; report confidential, but leaders received copies
 - Remarkable work so far, develop plan is good quality,project well organized, presentations clear, documentation almost complete
 - Few recommendations: about CRP factories, budget, and HR
 - P5 discussion: this week town hall at fnal 21-23
 - LBNC meet this week too, combined w/ P5
 - Some discussion about money: in2p3, cern, us, ...
 - Incoming:
 - SPSC meet w/ annual reviews (april-may, not fixed yet)
 - o Analysis workshop April 18-19th
 - o DUNE CM: FNAL 22-27 May
 - General:
 - pressure kept by US project in completing Mod0 and all FDRs by May, in view of DOE internal calendar related to CD2
 - Mod0 likely to be filled at the beginning of 2024
 - Combination of kdp2, mod0, and fdr-s in the first part of 2023 made a huge work pressure

- **Roundtable** (all labs; to be filled before the meeting w/ short status reports)
 - APC:
 - Detector development:
 - We have PDS + CRP4 data! →Henrique can give a presentation (next week)
 - Tons of work on Mod 0 installation (saw us on Dario's pics): most PDS are there, except bottom mem, which can be done later
 - Working w/ milano for daphne
 - Also working on TDR
 - Progressing in lab tests: plan to be in the next CB (in may? it was a proposal but was never accepted; so TBC)
 - Side: people commenting on FC and CRP installation that don't seem to be synchronized. A lot of time double-checking that things are done int he right order. Also, the spanish asked to install also PMs(?) ... (they want to look at tracks with 2 systems)
 - Analysis activities:
 - Coordinating Pandora work w/ the UK groups
 - AOB:
 - Ariel will be in FNAL May->August
 - Davide Moretti defended his Master thesis yesterday– received the best grade!

IJCLAB/Orsay:

- Detector development:
 - Thx to JS and Dom for installation of 2nd cathod (2 weeks ago): good job, and good interaction with the PDS group
 - Now the problem of putting hte cathode at the right height
- Analysis activities:
 - Characterization of crp w/ larsoft, and working on validation of
- AOB:
 - Have an M2 student, who started an internship; hope Matteo will start also his thesis in Octb.

o LPSC/Grenoble:

- Detector development:
 - Things installed for Mod0; just need to put the cables in → should be finished in early april
 - FD2: discussed to monitor the FC, make sure deformation of cryo will nor impact much; have to work on max-length to be used for cables (what we use now, ~10m, might not be enough)

- Assembly: working on transportation box; dont' have yet a good plan, but validated the materials that we can put in the cavern; validated the external size; have now also access to the update CRU drawing for precise design of the boxes.
- Analysis activities:
 - Ana of CB data, mainly noise; try to go further on simulation using the new production done on atmospherics
- AOB:
 - Checking the impact on budget/manpower and planning for building all crp-s in grenoble
- o <u>IP2I/Lyon</u>: (see news for more)
 - Detector development:
 - Preparing all material for mod0
 - Doing installation of cables this week
 - Analysis activities:
 - AOB: working in parallel to both ana and FDR
- o LAPP/Annecy:
 - Detector development:
 - Challenge to follow what's happening in cryostat
 - Big activity: prepare the bottom crp installation (cool pics)
 - Analysis activities:
 - Working on the bottom CRP data from CB
 - Finalizing the DP paper → start the internal review soon
 - Analysis workshop agenda (to be sent today) is a draft; if you
 want to propose smth extra (within the spirit of the agenda)
 contact us
 - AOB:
 - There is a Chair Professor Junior CNRS position in LAPP → please send it around → deadline is April 14th

AOB:

- o To add Bordeaux in the list next time:D
- Cedric (not talking in name of Bordeaux):
 - Following kdp review, next phase of work will be to consolidate all the resources we need (human, schedule, ...); have to do this very quick; started doing this from the work done for kdp2
 - Will coordinate this work

Template

Jan Xth

- News (Dario):
- **Roundtable** (all labs; to be filled before the meeting w/ short status reports)
 - **APC**:
 - Detector development:
 - Analysis activities:
 - AOB:

IJCLAB/Orsay:

- Detector development:
- Analysis activities:
- AOB:

o <u>IP2I/Lyon</u>:

- Detector development:
- Analysis activities:
- AOB:

o <u>LAPP/Annecy</u>:

- Detector development:
- Analysis activities:
- AOB:

<u>LPSC/Grenoble</u>:

- Detector development:
- Analysis activities:
- AOB:

LP2I/Bordeaux:

- Detector development:
- Analysis activities:
- AOB:
- AOB:

Month day

- News (Dario):
- **Roundtable** (all labs; to be filled before the meeting w/ short status reports)
 - **APC**:
 - Detector development:
 - Analysis activities:
 - AOB:
 - o <u>IJCLAB/Orsay</u>:
 - Detector development:
 - Analysis activities:
 - AOB:
 - LPSC/Grenoble:
 - Detector development:
 - Analysis activities:
 - AOB:
 - o IP2I/Lyon:
 - Detector development:
 - Analysis activities:
 - AOB:
 - o <u>LAPP/Annecy</u>:
 - Detector development:
 - Analysis activities:
 - AOB:
- Analysis news

o ...

AOB: