

Réunion groupe 12/03/26

- 1) Presentation par Xin et Jesus
- 2) Nouvelles et dates

- Etat de lieu Ecal
- SHiP
- ESPPU dernieres nouvelles

- 2) Accelerator News

- 3) Tour de table

Nouvelles groupe

- RAS pour le moment

Appels d'offre

- (High) time to think about a new project
- Preparing an ERC project?
 - Idea (rough) project around high granularity for dark matter
 - SHiP, LOHENGRIN, LUXE
 - To be seen with STiRI
- Preparing a new ANR/DFG (or other calls) project with the Calo5D team ?
 - Proposal came up in last management meeting
 - SHiP was considered as an interesting topic/extension
- To be decided soon (both is unrealistic)
- Will stay tuned for local funding calls
 - Bigger chances now that SHiP will become an official project of the lab
 - Small Tournesol project with University of Gent
 - Priority, prolongation of Jesus

Nouvelles IJCLab, IN2P3, DMLAB

- **IN2P3/CNRS**

- Journées d'institut (in2p3) le 5/6 mai à Paris
- CNRS va abandonner zoom a la fin de mars (autonomoe numérique)
- Zoom sera remplacé par les outils fournis par DINUM
- → On va progressivement migrer vers DINUM

- **IJCLab**

- Budget labo, voir planches suivantes (copie d'une planche de Fred montrées au COPIL du 9 mars)
- Bâtiments (voir aussi planches de Fred attachée a l'agenda)
- Deménagement ? Des que l'ail de la « direction LAL » sera mis en etat
- Je m'en occupera bientôt, actuellement je prévois un déménagement courant juillet
- Fête du labo 25 juin
- Remarque : normalement LAL et IPNO fêtent leurs 70 anniversaires cette année

- **DMLAB**

- Des nouvelles ?

Nouvelles Budget Labo

- Le budget de fonctionnement n'est pas encore crédité
- 1188.04€ par physicien (en baisse de ~100€ par rapport à 2025)
 - Emérites comptent pour 50%
- Mais
 - le laboratoire prévoit des frais incompressibles en forte hausse cette année (ménage, DALKIA, ...)
 - Liquidation judiciaire de la société NAAREA
- Seuls 80% des crédits seront mis sur les lignes : tous les services sont concernés
- Budget doit être validé par le CL (16 mars) avant que les lignes ne soient créditées
- Il est possible de faire des dépenses/commandes
 - Les opérations en question seront réintégrées aux budgets quand les lignes seront positives
 - Contactez le service financier si vous avez des dépenses à faire

MP SiW Ecal - Status and next steps

- Characterization of LLR sensors (22)
 - Sensors are stored in PSI lab
 - Xin and Jesus trained and ready to go
 - Probing station repaired, testing starts this afternoon
- Two ASU assembled at IFIC tested end of February at IJCLab together with Adrian
- Both are deformed → Still too high curing temperature (80° C over three hours) !?
 - One is still electrically almost perfect
 - The 2nd has large non connected (sensor PCB) areas
 - Confirmed with analogue probes and source
- Next ASUs with curing at lower temperatures
- Beam test at CERN in 2026
 - 17/6/26 – 25/6/26
 - Initial 14days slot will be shared with another DRD Calo project
 - I hope that the ASU production will gain speed
 - Readiness review within DRD Calo at the beginning of April
- Beyond the current prototype
 - We have to get organized to start “discovering” the CALOROC ASIC
 - Local meeting with LLR soon !?

- **Still addressing MOU and Annexes**
 - Draft distributed in Collaboration and sent to CERN on Feb. 18th
 - Receiving feedback from collaboration, including feedback by in2p3 (yesterday)
 - No feedback from CERN so far
- **Meetings 2026**
 - Spring Meeting at CERN 7-10 April
 - <https://indico.cern.ch/event/1618975/overview>
 - 76 people registered as of yesterday evening
 - Compilation of scientific programme in full swing
- **Our main objectives 2026**
 - Carrying out the beam test programme (including us) and preparing the renewal of the approval of the collaboration for 2027 - 2029
- **Spokespersons election at next collaboration**
 - Call for candidates until 21st of March
 - Upon question by already a few parties I told that I would be ready for another two years term

SHiP

- CODEC 21/1/26 « SiPAD Detector for SHiP »
 - Homework
 - Scrutinise technical support and funding needs (the rejection of OTELLO is bad for this)
 - Search for partners
 - Prepare for CS of IJCLab (2nd half of this year)
 - Prepare acknowledgement by IN2P3 – MP IN2P3 SHIP
 - All still true but received already funding from lab to move
 - Alexandre Gonnin joined project (including current Ecal prototype)
- Optimisation studies
 - See talk by Jesus

Follow up ESG off ESG recommendations

The generic document has been published as EPJST Special Volume

Eur. Phys. J. Spec. Top.
<https://doi.org/10.1140/epjs/s11734-026-02153-w>

THE EUROPEAN
PHYSICAL JOURNAL
SPECIAL TOPICS



Review

A linear collider vision for the future of particle physics

A big achievement, mainly driven by Jenny!

Follow up of ESG recommendations and CERN planning

- Discussions ongoing to render ESG recommendations “digestable” for CERN Council
 - Many countries not happy about ESG recommendations !
- Work plan on LCF (SCRF and CLIC) plan transmitted to CERN management
- Note that it seems that the realisation of HL-Lumi puts CERN budget under pressure
- News after CERN Council session of end of March?

New funding opportunity

- GEAR NG = EA-JADE Successor
- At the moment I know less than I oughta know about it

CNDP and OPECST

CNDP = Commission National du Débat Public

- Organisation in charge to organise public debate on large infrastructure projects, FCC in this case
- Actors planning to realise large infrastructure projects are obliged to call this commission
 - Here called by CERN and RTF (French electrical network company)
- Mission is subdivided in two Phases (my understanding)
 - Phase I: gathering of information
 - Phase II: organising the actual debate (current phase)
 - The first phase provided input to a report by the French OPECST (see below)
 - This input is attached to today's agenda
- CNDP asked Jenny and Filip for an interview to prepare the public debate that will start in June 2026
 - Interview with Filip took place on March 5th (1.20h)
 - Interview with Jenny on March 19th

OPECST = Office Parlementaire d'Evaluation des Choix Scientifiques et Technologiques

- Consults French Assemblée National and Senat on Scientific Projects
- Report on FCC in October 2025 by Dominique Voynet (Deputy of Green Party and former French Minister of Environment) and Anne-Catherine Loisier (Senator)
 - N.B. Both visited CERN in April 2025
- The report is also attached to today's agenda

Both cited reports are in French (of course) but it's worthwhile to switch on your translator

ESPPU@IJCLab

- 18/2/26: Talk by G. Arduini at IJCLab on accelerator projects presented for strategy discussions
 - **Feedback?**
- 16/3/26: Meeting between Angeles, Marc, R.P. and Achille to discuss consequences of ESG recommendations at IJCLab
 - Goal is of course to maintain LC related studies at lab
 - Actions/observations on previous page might help
 - Messages conveyed at LDG Meeting at DESY (19/2/26) are important
 - Almost no feedback from LDG Meeting so far
- 27/3/26 14h: AG on consequences of ESG recommendations (=ESPPU?) for IJCLab
 - **Be present!**

Dates à noter

- 7/4/26 – 10/4/26 Réunion DRD Calo au CERN
- 20/4/26 – 22/4/26: Réunion Terascale à IJCLab (participez!!!)
- 31/5/26 – 5/6/26 CALOR26 à Santa Fe (NM)
- 30/7/26 – 5/8/26: ICHEP 2026 à Natal (BRA)
- Sept./Oct. 2026: Reunion DRD Calo à DESY
- 9/11/26 – 13/11/26: LCWS 2026 à KEK

Prochaine réunion du groupe 16 aavril à 10.30h dans la salle 101 du batiment 200

Prochaines réunions de groupe

Toujours à 10.30h dans la salle 139 du bâtiment 200
(jusqu'à nouvelle ordre)