

Réunion groupe 15/01/26

Happy New Year 2026!

1) Nouvelles et dates

- Etat de lieu Ecal
- SHiP
- ESPPU apres recommandation de l'ESG

2) Accelerator News

3) Tour de table

Nouvelles groupe

- RAS pour le moment

Appels d'offre

Preparing an ERC project?

- Idea (rough) project around high granularity for dark matter
- Ship, LOHENGRIN, LUXURY
- To see with STiRI
- Pre-project via AMORCE? Deadline 26 needed, maybe not needed if
- financing by SHiP → see later.

Nouvelles IJCLab, IN2P3, DMLAB

- IN2P3/CNRS

- ?

- IJCLab

- Actuellement 0 budget pour 2026
- Attente/Espoir Budget IN2P3 2026 = Budget IN2P3 2025
- CNRS prélève 10 % de RP d'un labo → Après argumentaire pour récupérer une partie
- Bâtiments 208/209 sont en train d'être vidés
- Financement stages strictement encadrés, cf. pas de financement du tout pour stages inférieur a 2 mois
- Réunion vœux 2026 : 23 janvier 2026
- Bienvenue aux nouveaux entrants → Jesus pour nous
- Plus de nouvelles extraites de planches de Fred d'hier voir prochaine planche

- DMLAB

- Des nouvelles ?

Nouvelles IJCLab

- Emeritates Campaign (for 2027!)
- A pitch must be indicated: deadline January 25!
- Requests go through the regional delegation
- HR will contact people who can benefit from a renewal
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- The ministry asks that we move to DGG
- Global Management Delegation (main supervision)
- A single contact, but does not concern all the procedures (credit, contracts, etc.) which depend on the employer
- Not necessarily a big change for us
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- European Strategy will be on the agenda of the board meeting on January 27
- The idea is that an AGM will be organized for a moment of discussion between the divisions concerned and management. Probably in March.

MP SiW Ecal - Next steps

Next steps (at us)

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-
- Electrical test including mounting of SL cards and cap cards to wired ASUs
- In progress by Dominique
- Two invalid cards were sent to IFIC at the end of December
- Characterization of the LLR sensors (22) with us
- Machine under stitch ready (Thanks Ana Torrento)
- Vincent will bring us the LLR sensors this afternoon
- Test series next week
- Revision of carbon plates so that the components can pass through Slides?
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- It is now necessary to organize the sending of the material to IFIC
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- Beam test at CERN in 2026
- Maximum one week (rush to the test lines before stopping the beams at the end of August)
- Slot in June would be ideal but you have to be able to accept a slot earlier
- Still waiting for a first schedule from the SPS operators
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- Beyond the current prototype
- You have to get organized to start “discovering” the CALOROC ASIC
- Local meeting with LLR in February?

- **Now addressing MOU and Annexes**
 - New template for annexes
 - No resource tables at this stage
 - Meanwhile US institutes can appear in MOU Annexes
 - Can prepare now version with institutes
- **Meetings 2026**
 - Spring Meeting at CERN 7-10 avril, registration will open this week
 - Autumn Meeting at ... (not at CERN); ,ost likely at DESY
- **Our main objectives 2026**
 - Carrying out the beam test programme (including us) and preparing the renewal of the collaboration

Dotations IN2P3

- ...waiting for a state budget...
- Project days in March
- ... according to the wishes of the director of in2p3 “everyone is welcome”

SHiP – High level planning for CODEC of 21/1/26

Goal	Q1/2026	Q2/2026	Q3/2026	Q4/2026	Q1/2027	Q2/2027	Q3/2027	Q4/2027	>Q4/2027
Detector optimisation									
ASIC qualification for SHiP									
Sensor qualification for SHiP									
Detector integration and cassette design									
Detailed design of SiPAD detector for SHiP -> ready for TDR									
TDR and SHiP construction									

- Planning until end of 2027
- Successful conduction of R&D programme would trigger detector construction after 2028
 - Project was well received by all Technical responsables of lab and the CeQMap
- The support extends to proper completion of current prototype
- We're even about to name a Technical Coordinator
- Ask for minmum 35 kEUR (60 kEUR max) in 2026 and 30 kEUR (36 kEUR max) in 2027
- Depends also on funding of MP SiW ECAL and EU project OTELLO
- Request for CODEC includes request for funding a CDD electronics engineer
- On suggestion by DT Giulia

At this stage, without knowing the reasons for which the FCC-ee would not be other alternative options are not ranked.



K. Jakobs, Linear Collider@ CERN Workshop, 8th January 2026

Slides shown by K. Jakobs at LCVision Meeting

High level recommendations by ESG – Assessment LC

1500 GeV collider. Construction costs at the same level as FCC-ee
CLIC technology is well developed, but less mature than the LCF technology

* LCF: 550 GeV collider: construction costs at the same level as FCC-ee
LCF technology is mature

- **The path towards 10 TeV collisions would require plasma wakefield acceleration, which is not yet proven to be a viable technology.**

- - Reduced physics
- Not competitive with an FCC-ee-like collider
- Currently no path exists to 10 TeV collisions

feasibility of alternate tunnel constructions in the Geneva area would have to be considered further prioritisation.

- In all scenarios, there would currently be no credible path to high-energy exploration

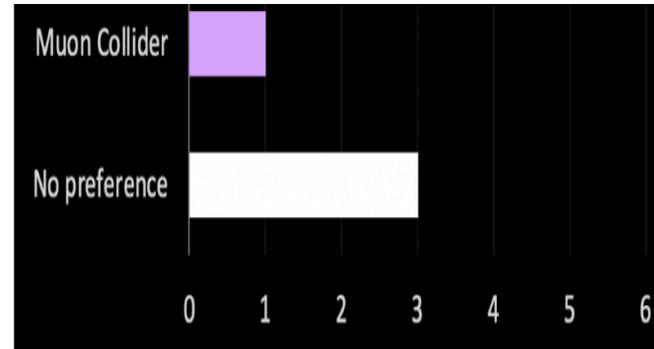
- There is a strong recommendation from the ESG for the realisation of the FCC-ee
- Efforts will be made (CERN management) to convince Council to approve this plan!
- If this fails, a “light-weight” strategy process will probably be called in 2028

High level recommendations by ESG – (My) Comments

- The strategy recommendations are a bad joke !
 - In particular the scenario A' that was never evaluated in the Strategy discussion
- Higgs and particularly the top were relegated behind Flavor and QCD, a choice of the discipline that must be highlighted.
- Zero strategy how to react to results from the LHC or other disciplines.
- Impression that the HL-LHC (if priority) and the new project are completely disconnected
- We are practically slamming the door on technologies like plasma acceleration

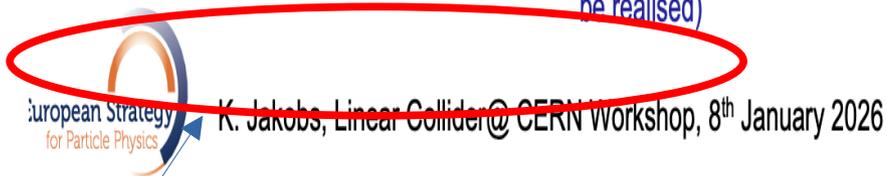
Vote on alternative options and French « Input »

Italy	FCC-ee
Netherlands	LHeC or LEP3
Norway	Linear Collider (CLIC (LCF))
Poland	FCC-ee
Portugal	
Romania	FCC-ee
Serbia	LEP3 (LHeC)
Slovakia	LHeC
Slovenia	FCC-ee
Spain	Linear Collider (LCF, CLIC)
Sweden	LCF
Switzerland	FCC-ee
United Kingdom	LHC extension, LHeC



- No consensus
- Three main axes:
 - FCC (stretched in time)
 - Linear Collider
 - Intermediate project bridge towards FCC

France (30 Nov): - staged FCC (if financially not feasible);
 - LHC Intermediate Project (if tunnel cannot be realised)



French Input on 30th of November !
 ... under ignorance of community discussion

Now what to do ?

LC@CERN Workshop

- 7-9 January at CERN <https://indico.cern.ch/event/1602105/overview>
 - Goal was/is to be prepared to a mandate by CERN Council to present a workplan to bring a Linear Collider at CERN to decision readiness by 2028
 - 221 people registered (62 on site)
 - IJCLab : Angeles, Francois, Marc, Jesus, R.P.
- Opening speech by New Director General
- Plenary sessions and talks to settle the scene
 - Plenary talks included an update of the ESPPU by Karl (see above)
- Parallel sessions to prepare the formulation of a workplan
 - Angeles will look in BDS systems
 - R.P. in charge to prepare a workplan on detector optimisation
 - Physics will include $ee \rightarrow ss$ but also $ee \rightarrow WW$ studies !
- Participation and discussions were encouraging
 - More than before the need for higher energies was emphasised
 - (LCF only option with which we could react now on LHC results apart from FCC-hh)
- Mood and plan nicely summarised in workshop statement
 - Feel free to distribute it to whoever you think is useful

Next steps

- **General Comments**
 - ESG conclusions are recommendations, thus neither a decision nor a funding approval
 - Alternative options are pushed back but not stopped
 - LCF are considered as flagship projects with competitive (I would even say superior programme on Higgs and top
 - Let me also point out the option of gamma-gamma collisions
 - No road to 10 TeV is clearly narrow minded point of view
 - Therefore, there is hope that the LC will not be completely stopped
- **However, have to deal with the conclusions of the ESG**
 - Criticism but we have to see also what is useful for FCCee
 - If new CERN DG would like to maintain LC activity he will
 - ... have to name A « powerful » successor to Steinar
 - ... explain his view to the LDG (of which IJCLab is part of) at the LDG meeting in February
- **At IJCLab: how to prepare best the AG (see above) in March ?**

Dates à noter

- 2/2/26 – 6/2/26 TIPP2026 at Mumbai
- 7/4/26 – 10/4/26 Reunion DRD Calo au CERN
- 31/5/26 – 5/6/26 CALOR26 à Santa Fe (NM)

Prochaine réunion du groupe 15 janvier à 10.30h dans la salle 100 du bâtiment 200

Très Bonnes Fêtes de fin d'année

Prochaines réunions de groupe

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