

2023 LSM experiment meeting Introduction

January 26th, 2023

J. Gascon, scientific director

Goal of meeting

- Exchange of information concerning the scientific program of the LSM experiments
- Exchange of information between the experiment contact persons and the LSM direction, and between the contacts themselves
- Topics:
 - Main events and achievements in 2022
 - General program for 2023 (incl. special periods of activity)
- Useful source of information to prepare activity summaries for IN2P3, University, “Conseil Strategique Externe” & “Comite de Pilotage”
 - Indico site to keep slides accessible for me + expts. contacts

Conseil Strategique Externe

- Advises IN2P3 and UGA on the general organisation of LSM
- Members:
 - Nigel Smith (SNOLAB->Triumpf), Sean Paling (Boulby), Stefan Shonert (Legend), Aldo Iani (LNGS)
- First site visit on Feb. 27th, 2023
 - Request to experiments: list of publications, + update to today's presentations

2022 CSE recommendations (excerpt)

- The CSE encourages continued science community consultation of needs for wishes for LSM support. We recommend making good use of the Deep Underground Physics GDR initiative. ... The committee was concerned that LSM was not taking a leading role in the DUPhy GDR process now underway, in defining the role of LSM with this community. The CSE encourages the LSM leadership to be proactive in seeking opportunities for the facility and engaging aggressively in such strategic planning exercises.
- The CSE encourages efforts to be proactive to share/promote LSM expertise and infrastructures under the new EU underground laboratories initiative
- The CSE encourages efforts underway to fill now-vacant staff posts important to ensure continued progress on Science and facility

2022 CSE recommendations: actions taken

- *Community consultation & strategic planning:*
Organization of special GDR DUPhy session on present + future Main Hall experiments (Oct. 20th 2022, Nantes)
<https://indico.in2p3.fr/event/27894/timetable/>
+ Efforts to free up some space for future experiments
- *New EU underground laboratories initiative:*
Common participation with other EU underground labs to preparation for EU program to strengthen collaboration: Apogeia and COST in 2022, unfruitful so far, others in preparation in 2023
- *Filling now-vacant staff posts:* see C. Vescovi presentation, + hiring of Low-Radioactivity expert by LPSC (S. Scorza, SNOLAB) to strengthen local expertise in that area, with upcoming CR-in2p3.