

New Clean Room for HPGe



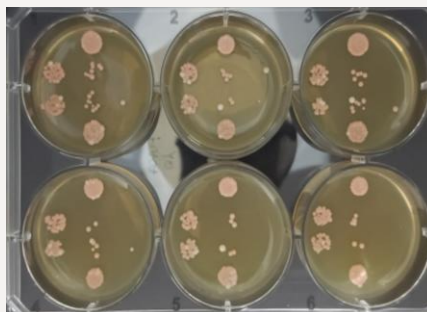
The installation of the new Clean Room was successfully completed in April. The levels of airborne particles meet the ISO 7 standard, ensuring an ultra-clean and controlled environment. It already houses one of the lowest-background Ge detectors, with two more to be installed in the coming years.

Proton irradiation on UL cells



LSC staff have done the first experiment to explore life in simulated space conditions.

In collaboration with CMAM and using yeast cells after a prolonged adaptation in underground conditions as models, proton irradiation on yeast samples has been carried out to elucidate their effects on living organisms.



36th Scientific Committee



On June 17th and 18th, the 36th meeting of the LSC Scientific Advisory Committee took place.



The Committee heard presentations from the DArT, CROSS, ANAIS, and NEXT-100 experiments and reviewed written reports from the other experiments. Also, the biology experiment GraviFish gave a public talk over their advances.

Other relevant LSC Publications:

[The CADEX Experiment: A new haloscope axion search in the 330-460 micro-eV mass range at the Canfranc Underground Laboratory \(LSC\)](#)

CADEX Collaboration• Aja(Cantabria U., et al. PoS COSMICWISPers2024 (2025) 039

[Sensitivity of the Hyper-Kamiokande experiment to neutrino oscillation parameters using acceleration neutrinos](#)

Hyper-Kamiokande Collaboration•K. Abe(Kamioka Observ.) et al., e-Print: 2505.15019 [hep-ex]

[High Voltage Delivery and Distribution for the NEXT-100 Time Projection Chamber](#)

NEXT Collaboration• C. Adams(Argonne) et al., e-Print: 2505.01002 [physics.ins-det]