LSCNews





Laboratorio Subterráneo Canfranc

Newsletter 4/4 – Year 2024

Bio Platform GraCosFish Experiment

LSC's New Center at Walqa





The first experiment with vertebrates was conducted at the LSC in October, with the aim to study the impact of microgravity and the absence of radiation on two species of fish. The results of GraCosFish will bring us closer to the possibility of raising fish in space.

On November 7, The director of Walqa, Huesca's technology park, and the mayor of Huesca welcomed the LSC's new logistics center.



At this center, the PMT covers of the Hyper-Kamiokande experiment will be stored and undergo quality control before being shipped and installed in Japan in 2026.



The LSC hosted the first workshop dedicated to Radon R&D&I.

The objective of this meeting was to bring together the different groups working on research projects related to the Radon problem in Spain and underlined the importance of fostering new projects that generate knowledge.

Other relevant LSC Publications:

Precise $_{113}$ Cd β decay spectral shape measurement and interpretation in terms of possible gA quenching

J.M. Calvo-Mozota (LSC, Canfranc), L. Berge (IJCLab, Orsay) et al. (Nov 5, 2024) Published in: Eur.Phys.J.C 84 (2024) 11, 1158 • e-Print: 2411.02944 [nucl-ex]

<u>Preparation for Mass Production and Quality Assurance of mPMT module for Hyper-Kamiokande experiment</u>

Hyper-Kamiokande Collaboration• A. di Nola (Naple U.) et al. (Nov 16, 2024) Nucl.Instrum.Meth.A 1071 (2025) 170082