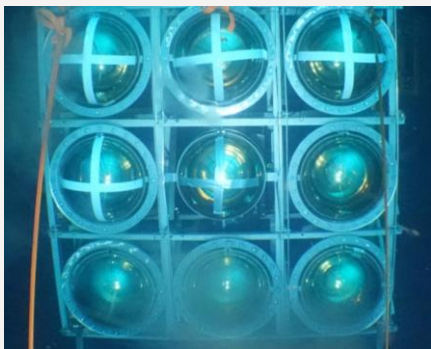


New HK Implosion Tests



The 6th implosion test campaign, was successfully completed in February. These campaigns aim to validate the viability of the protective covers of the sensors of the future HK telescope. This time, it was confirmed that the Spanish prototypes were suitable for operating in conditions equivalent to those of the telescope, i.e. at a depth of 80 m.

Bio Platform Experiment completed

The onsite works of experiment PB-02-22: "Effect of low radiation and microgravity on C.elegans infection" were completed.



Staff from the Evolutionary Systems Virology group (I2SysBio) conducted assays that quantitatively show the effects of low radiation and microgravity on viral infection and intestinal permeability.

Scientific Day for Highschools

On 6 March, the LSC held a Scientific Day aimed at science students in the 2nd year of the high schools of Jaca. The students participated in different workshops and learned about the most commonly used techniques at the LSC, such as copper electroforming or gamma spectroscopy.



Other relevant LSC Publications:

[A measurement of the sodium and iodine scintillation quenching factors across NaI\(Tl\) detectors](#)

D. Cintas et al., e-Print: [2402.12480](#) [hep-ex]

[Second gadolinium loading to Super-Kamiokande](#)

K. Abe et al., e-Print: [2403.07796](#) [physics.ins-det]

[CLYC as a neutron detector in low background conditions](#)

J. Plaza, V. Bécares, D. Cano-Ott, C. Gómez, T. Martínez et al. Eur.Phys.J.C 83 (2023) 11, 1049