

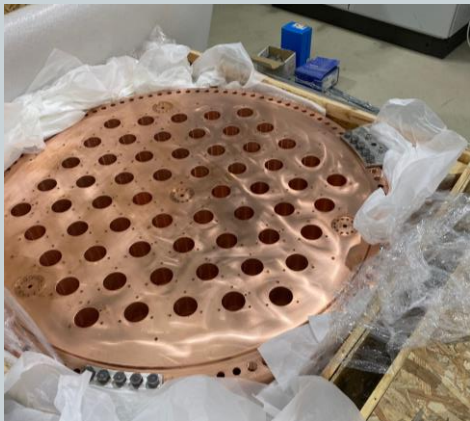
LSC NEWSLETTER

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12 years of LSC

On June 30, we celebrated our 12 years since the transfer of the underground infrastructure from the University of Zaragoza to the Consortium was agreed. The commemoration ceremony was chaired by the Director of the LSC, and he was accompanied by members of the board institutions, internationally renowned scientists who are part the International Scientific Committee, and LSC experiments scientists, personnel and friends of the underground lab.



Copper is ready

The inner copper shield of the NEXT-100 vessel is ready to be installed. Fresh cathodes welded, forged, mechanized and cleaned up. The big plate shown will host NEXT PMTs.

BiPo's farewell

After more than a decade of being underground, the most sensitive detector of ^{208}Tl and ^{208}Bi in foils, BiPo-3 detector has been dismantled and sent back to CNRS in France.



New additions to the LSC

Daria Stepanova joined the LSC staff as a mathematician expert in diffusion-reaction dynamics and Quim Palacio as an astroparticle physicist expert in ultralow background noble gas detectors.

Other relevant LSC Publications:

The Canfranc Axion Detection Experiment (CADEX): Search for axions at 90 GHz with Kinetic Inductance Detectors

Beatriz Aja et al., e-Print: 2206.02980 [hep-ex]

Distinguishing Dirac vs. Majorana Neutrinos: a Cosmological Probe

Beatriz Hernandez-Molinero, Raul Jimenez and Carlos Pena-Garay, e-Print: 2205.00808 [hep-ph]

Long-term evolution of the neutron rate at the Canfranc Underground Laboratory

Sonia Orrigo et al., e-Print: 2204.14263 [nucl-ex]