LSC 38th Scientific Committee Meeting

May 27-28, 2026

Canfranc Estación, Spain

Summary, Conclusions and Recommendations

Introduction

The 38th meeting of the Scientific Committee was held on 27–28 May 2026 in the LSC external laboratory. The Committee received comprehensive oral presentations from the NEXT, CROSS, CADEx, and DArTinArDM collaborations. In addition, detailed written status reports from these projects were reviewed alongside updates from TREX-DM, BabyIAXO, and DAMIC. On this occasion, the Committee also evaluated a new EoI submitted to the LSC by the DELight collaboration.

The Committee joins the LSC Director in warmly welcoming the new panel members and looks forward to a productive and collaborative term ahead. The Committee wishes to commend the Director for the highly informative report on the Laboratory's recent developments, which comprehensively addressed the organisational structure, personnel allocation across various units, and strategic planning. With respect to the latter, the Committee acknowledges that, as mandated in the Strategic Plan, the operational plans and timelines for the CROSS and DArTinArDM experiments are due for formal revision in 2026. Consequently, these will be evaluated during the next Scientific Committee meeting.

The Committee was informed of the newly established Advisory Committee of Canfranc Users, initiated upon the request of the user community to the LSC Executive Committee. The designated mandate of this advisory body, which is currently in its preparatory phase, is to advise the LSC Director on practical measures and internal administrative arrangements to optimise the utilisation of the LSC research facilities. The Committee welcomes this platform as a valuable opportunity to strengthen communication and operational efficiency between users and management.

The Committee was also updated on the latest technical developments and core activities within the underground laboratory, which were further explored and reviewed during the site visit.

The next Scientific Committee meeting is scheduled for **November 3-4, 2026**, with all corresponding project reports due by October 19, 2026. In the interest of maintaining an open dialogue, collaborations are welcomed to contact the Committee to request an informal discussion following the submission of their written reports, should such a consultation be deemed beneficial in preparation for the general meeting.