

LSC Scientific Committee – 31st Meeting

30 November-1 December 2022

Canfranc Estación, Spain

Summary, Conclusions and Recommendations

Introduction

The 31st meeting of the Canfranc Underground Laboratory (LSC) Scientific Committee was held on 30th November and 1st December 2022, in-person, at the laboratory. A Zoom link was available and allowed for some experimental team members and presenters to connect remotely. Everything ran smoothly, including the use of meeting space in Casa de los Abetos. The Committee appreciated the opportunity to visit the underground lab and also to see activities in the surface lab (observing that work on the PMT covers for Hyper-K is proceeding well). The Biology Platform is operational with several experiments underway, which was excellent news.

The Committee heard presentations from: NEXT, ARQ, TREX-DM, HENSA, DArTinArDM and a proposed, ambitious experiment for the BIO Platform. In addition, written reports from ANAIS, BabyIAXO, CROSS and CADEx were reviewed.

Members of the Scientific Committee completing their service at this meeting were Eligio Lisi, Paola Tropea and Mark Chen (outgoing Chair). The main message that was conveyed by the outgoing members (and the entire SC) was a very strong and positive impression of the laboratory, witnessing excellent progress and developments in recent years (even amid the pandemic!) and overall, great work by the experimental teams. The next Chair of the Scientific Committee was named: Teresa Marrodán Undagoitia.

The next meeting of the Scientific Committee is scheduled for 31st May and 1st June 2023.