

LSC 34th **Scientific Committee Meeting**
May 21-22nd
Canfranc Estación, Spain

Summary, Conclusions and Recommendations

1 Introduction

The 34th Scientific Committee meeting was held at the Canfranc Underground Laboratory on May 21 and 22. The Committee heard presentations from DAMIC, CROSS, ANAIS, RADES and NEXT. The Committee also reviewed written reports from JASC, TREX-DM, HENSA, DArT and NaI CGF. A meeting of the Biology Platform was held in Canfranc on April 29th, and the reports of the Biology Sub-Committee were presented to the Scientific Committee by Victoria Ley. It is very satisfying to see how this biology platform is developing and how experiments are starting to produce interesting results.

The Director reported on some of the laboratory's activities over the past six months. The team continues to grow and now has 3 new permanent positions. We were informed about the progress of some of the infrastructures (new germanium detector, ICP-MS) as well as about the coordination activities of the LSC in Hyperkamiokande and the exchange with other institutions. There was also an invited talk on 'The DarkQuantum project: towards a RADES axion halo scope underground with sensitivity beyond the quantum limit' by Igor Garca Irastorza. This is a very interesting proposal that has recently been awarded an ERC synergy grant. A new EoI from RADES has been submitted to the laboratory.

The next Scientific Committee meeting will take place on **November 5-6, 2024** and the reports are due on **October 25th**. The biology reports are due on **October 10th**. There will not be a biology in-person meeting.