

LSC Scientific Committee

21st Meeting

23-24 November 2017

Canfranc Estación, Spain

Summary, Conclusions and Recommendations

The 21st meeting of the LSC Scientific Committee was held at Canfranc Estación on the 23, 24th of November. Presentations were made by ArDM, NEXT, ANAIS, TREX-DM, Super-KGd, ETSEC, GEODYN and Gollum. In addition, reports were received from CLYC and CROSS. The agenda for the meeting is attached.

This was the first meeting following the passing of José Ángel Villar. José Ángel was a founder of the Canfranc Laboratory, an Associate Director of the Laboratory and Spokesperson for the ANAIS experiment. The Scientific Committee benefitted enormously from his wise council and wonderful humour over many years. The meeting opened with a remembrance of José Ángel and his many accomplishments by Maria Luisa Sarsa.

The Committee continues to be very satisfied with the prudent management of the facility. Careful reviews continue to take place to ensure that all activities at the laboratory are safe. This process would be greatly aided if the Laboratory were able to hire a safety officer into a long term position. The underground workplace has unique hazards and there is real merit in having a continuity of approach and experience for someone in this position.

The committee strongly recommends that a Manager on Safety be appointed to a continuing position at the LSC without further delay.

The next meeting of the Scientific Committee will take place at the LSC April 19, 20 2018.

The tone of the meeting was very positive with very good progress reported by several of the experiments. ANAIS is completely assembled and taking data, NEXT has made great strides towards a physics run with enriched xenon and ArDM will soon take the final run of its original scientific program using a two phase detector configuration. More detailed assessments of the various experiments follow.