

LSC Scientific Committee – 28th Meeting

9-10 September 2021

Virtual Meeting Online, with some participants in-person at LSC

Summary, Conclusions and Recommendations

Introduction

The 28th meeting of the Canfranc Underground Laboratory (LSC) Scientific Committee was held on the 9th and 10th of September 2021. Due to the ongoing pandemic, the meeting was again held online using Zoom videoconference in conjunction with some in-person participants (from the experiments) at LSC. The hybrid meeting ran smoothly thanks to the efforts of LSC staff.

The report presented from the Director contained excellent news that the budget plan for LSC has been approved for 2022-2031. The plan includes new strategic activities in Biology and Cryogenics (quantum technology), as well as support for Low Radioactivity Techniques such as RITA and electroformed copper. The Committee was very pleased to hear this news and convey our congratulations to the Director and staff of LSC.

The Committee heard presentations from ANAIS, CROSS, DArT, NEXT and TREX-DM. One week prior to the meeting, a subset of the Committee met with members from TREX-DM (by videoconference) to have a more detailed discussion of scientific and technical issues related to that experiment.

The written reports submitted by the experiments utilized a template this time. This helped focus the Scientific Committee members on the important highlights, progress, and changes since the last meeting and was much appreciated. The Committee recognizes that the experiments are requesting more flexibility in the template in order to facilitate including figures (for example) and we agree this would be beneficial.