

Third Meeting of the LSC Scientific Committee
3 November 2008
CSIC at c/Serrano 113, Sala de Juntas

Summary and Conclusions

The committee met to discuss, critique and update information on experimental proposals for LSC. In addition there were new presentations, one on environmental Radioactivity Monitoring and one a Geodynamic Facility. The minutes of the 2nd meeting were approved. The Director made a report concerning the progress of the contracting for the repair of the laboratory. The Director showed a few exercises for the underground space allocation according to the requests of the experiments. The conclusion is that, in the hypothesis that ArDM will also be approved, the underground space will already practically saturated. The Committee agreed to send a letter to the Rector of the University of Zaragoza expressing concern about the long delays in the finalization in the plan to repair the Laboratory. There was a brief discussion of a possible accelerator-based nuclear astrophysics program. Professor Arturo Vargas Dreschler gave a 30-minute overview of the concept of a possible program in the framework of **ERMES** (Environmental Radioactivity Monitoring for Earth Sciences). Professor Josep Gallart Cadenas gave a 30-minute overview of a possible Geodynamic facility in LSC in the framework of the **Topo-Iberia** project. The spokesperson, Professor J.J. Gomez gave a detailed update and progress report on the **NEXT** Time Projection Chamber double-beta decay experiment. Updates on **BiPo** and **ArDM** projects were made by the committee referees of these proposals. A list of further questions for these projects was generated.

Actions taken: **ERMES** was encouraged to further elaborate a Letter of Intent. The groups from the **Geodynamic** project were encouraged to send a Letter of Intent. The **ArDM** collaboration will be sent a list of questions to be answered. The **NEXT** collaboration will submit answers to a list of questions by November 17th, 2008. The Committee will require the **BiPo** collaboration to address a list of questions at the April meeting.

The five approved experiments and ArDM are requested to submit a written status report by the end of February 2009 and an oral presentation at the April meeting.

Finally, there was a brief presentation by the director concerning building a 5-year Strategic Plan for the Laboratory. The Director will draft a 5-year plan and submit it to the committee for advice and suggestions. *Note added. After the meeting the Ministry provided specific instructions for the preparation of the Strategic Plan. It must be compiled in electronic form on a dedicated WEB-site, protected by password, and is due by mid December 2008.*

The date and place of the next meeting was set for the week of April 6-10, 2009, in Zaragoza, Spain.