

Starting-up the LUNA MV collaboration

Wednesday, 6 February 2013 - Friday, 8 February 2013

LNGS

Scientific Programme

The LUNA-MV project aims at measuring the astrophysical key reactions $^3\text{He}(^4\text{He},\gamma)^7\text{Be}$, $^{12}\text{C}(\alpha,\gamma)^{16}\text{O}$, $^{13}\text{C}(\alpha,n)^{16}\text{O}$ and $^{22}\text{Ne}(\alpha,n)^{25}\text{Mg}$ using a MV machine placed in the Gran Sasso underground laboratory.

Goal of the workshop is to define the scientific priorities as well as the structure and the task sharing of the new collaboration. A possible timeline of the project will also be discussed.

All sessions, including invited and contributed talks are listed in the timetable section.