

Nuclear Astrophysics Landscape in Portugal

Monday, June 10, 2024 9:15 AM (30 minutes)

This year, Portugal celebrates the 50th anniversary of the democratic revolution and the pacific start of democracy. Ever since, the Portuguese science landscape has evolved enormously, with many high quality scientists educated outside the Portuguese borders establishing their research groups in universities and research centers, and bringing Portugal into the international scientific scene. However, the number of national networks in specific fields is scarce and most contributions to science are done by individual scientists or small groups. In this the field of Nuclear Astrophysics is not an exception.

In this presentation, I will introduce some of the current activities and research infrastructures related to the field of Nuclear Astrophysics in Portugal. Strong focus will be devoted to the participation in international networks, in which Portuguese scientists are involved. Complementarily, I will present recent efforts done in low-energy nuclear physics, aiming to push the involvement of the Portuguese groups in explosive nucleosynthesis studies (some of them also presented in this workshop).

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