



## Jorge García Rojas

*Stellar and Interstellar Physics*

**Advanced Fellow Severo Ochoa**

1/03/2021 - 31/12/2024

I obtained my PhD at the ULL in 2006. Then I moved to Mexico as a postdoc researcher and came back to the IAC in 2009, as support astronomer of the Canary Islands observatories until 2014. Since then I have obtained several postdocs at the IAC and since March 2021 I am a Severo Ochoa Advanced Postdoc of the Stellar and Interstellar Physics research line. My main research interest is the determination of heavy-element chemical abundances in the ionized interstellar medium. I am currently working on precise abundance determinations using weak emission lines in planetary nebulae and HII regions, both in our galaxy and in nearby galaxies, and in the use of these precise abundances determinations for constraining stellar nucleosynthesis models and chemical evolution models of galaxies.