



Susana Iglesias Groth

Stellar and Interstellar Physics

Advanced Fellow Severo Ochoa

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Susana Iglesias Groth has a degree in Physics, specializing in Astrophysics. She did her PhD at the Fundamental Physics Department II at the University of La Laguna (ULL) as an external collaborator, at the time she was a Physics and Chemistry teacher at Secondary Education (teacher for 13 years, 1990-2003). She obtained a PhD on Molecular Physics from the ULL in June 2003. Since 2003 she has done post-doctoral research at the Instituto de Astrofísica de Canarias (IAC), first, for the PACS instrument of the Herschel satellite and, since 2008, with a contract for the characterization and behavior of hydrogenated fullerenes in astrophysical conditions, and that of PAHs in the interstellar medium. Then she got a generic post-doc position in the IAC that allowed her to extend these investigations to the amino acids. In recent years she has worked at the IAC for the Euclid satellite science (planned launch 2021), preparing its scientific exploitation in the field of carbon chemistry in ultra-luminous submillimeter galaxies. She has published 69 research articles in refereed journals of Astrophysics and Molecular Physics, out of which 25 as first author and 28 as second author.