Dr. Joel Antúnez García, obtained a degree in Physics from the Autonomous University of Baja California (UABC), for which he defended his thesis in Astronomy under the title: "Hydrodynamic Stability in Accretion Discs with a Profile of Arbitrary Rotation"

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The degree of Doctor in Physical-Industrial Engineering granted by the Autonomous University of Nuevo León (UANL), whose title was obtained defending the thesis entitled: "Study of the Self-assembly of gold clusters."

The topics in which Dr. Antúnez is currently involved are the calculation and study of electronic properties in different bi- and tri-metallic catalysts (related to di-chalcogenides) and zeolites. Molecular dynamics (MD) simulations of nanoparticles, surfaces, and crystalline systems. The interest of these studies is oriented toward developing new catalysts and materials with promising innovative technological applications, including the improvement of ionic diffusion present in Li-ion batteries.

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