

# Seminario

## Departamento de Física Teórica

### *“Axion-electrodynamics and instability in plasmas”*

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Abstract:

As a dark matter candidate coupling to the electromagnetic field, the axion has been the focus of significant efforts to identify its signatures in the spectra of various astrophysical objects. These underlying radiative processes, however, often take place in ionized environments subject to plasma instabilities. In this talk, I will provide an overview of the theory of axion–plasma interactions, focusing specifically on the Buneman instability.

**Fecha:** martes, 17 de marzo de 2026

**Hora:** 16:10 horas

**Lugar:** Seminario de Física Atómica, Molecular y Nuclear

