



UNIMORE
UNIVERSITÀ DEGLI STUDI DI
MODENA E REGGIO EMILIA

Dipartimento di Scienze Fisiche,
Informatiche e Matematiche



FIM-S3 SEMINAR

Astrophysical searches of axion dark matter

Monday November 24th, 2025 – 14.30 (sharp)

S3 Seminar Room, 3rd Floor, Physics building

Remote link: [Teams](#)

Speaker

Marco TAOSO — INFN Torino

Abstract

Axions are hypothetical light and very weakly interacting particles. They are predicted in extensions of the Standard Model of particle physics and they act as candidates for dark matter. In this talk, after reviewing the motivation for axions, I will discuss some promising strategies for their detection, with a particular emphasis on astrophysical searches.

Host: Enrico Bertuzzo