

Web Seminar - Zoom link <https://us06web.zoom.us/j/89086870734>

25
novembre 2021

Dipartimento di Fisica

Aula A "G. Nardulli", ore 16:00

Ingresso consentito solo con GREEN PASS

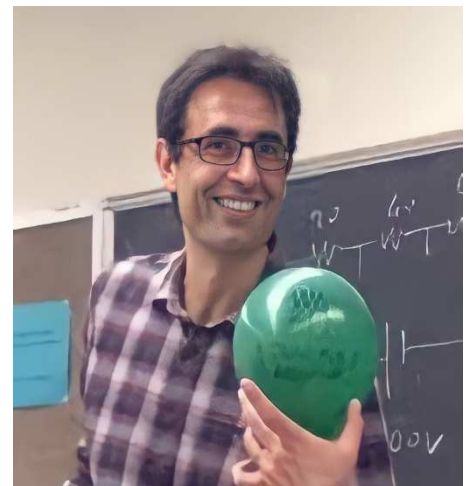
Axions: What are they? Where are they?

Prof. Maurizio Giannotti Professor at Barry University (USA)
& Zaragoza University (Spain)

Introduction by Prof. Alessandro Mirizzi

Abstract: The research on axions has gained great attention in the last decade. We are finally reaching the experimental capabilities to detect axions in the most motivated parameter regions. In this talk, I will present an overview of the strong CP problem and of the axions solution. I will emphasize the phenomenological aspects and in particular try to justify the selection of physically motivated axion parameter regions. I will emphasize the impact of axions on stellar evolution and the experimental potential to detect them in the near future.

This talk will have a pedagogical level intended for Master and PhD students. Nevertheless, all interested researchers are invited.



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