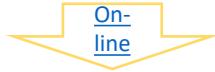


Dark matter searches with fixed target experiments

Lecturer: Laura Molina Bueno (IFIC, Valencia)

Abstract: Dark Matter is among the most pressing questions in particle physics. In this seminar, I will cover the potential of fixed target experiments to probe the Dark Matter origin and many New Physics scenarios below the electroweak scale. First, I will provide an introduction of the phenomenological models motivating such searches at accelerator-based experiments. Then, I will describe the experimental context focusing on active dump and beam-dump experiments. Finally, I will provide an overview of the prospects for the coming years.

Jueves 12 de febrero de 2026, 12 horas, seminario de Física Nuclear



Centro de Astropartículas y
Física de Altas Energías
Universidad Zaragoza

