UNIVERSITÀ DI PARMA

DIPARTIMENTO DI SCIENZE MATEMATICHE, FISICHE E INFORMATICHE

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SEMINARIO

Dr. Anshu Kataria, SMFI

Friday 6 dicembre 2024 ore **14.30**

On-line on TEAMS
(https://teams.microsoft.com/)

Search for Time Reversal Symmetry Breaking in Kagome lattices.

Abstract *Understanding unconventional superconductors and searching for broken time-reversal symmetry (TRS) remains a central focus in condensed matter physics, as the mechanism behind electron pairing is still unresolved. The crystal structure of a material plays a crucial role in shaping its electronic and superconducting properties. Techniques such as muon-spin spectroscopy (μSR) are indispensable for detecting TRS breaking by measuring spontaneous magnetic fields in the superconducting state. In this seminar, I will discuss our approach to identifying TRS breaking in kagome superconductors, offering insights into the unconventional ground state.*

Organizzatore: prof. Roberto De Renzi

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