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Aula Magna del Dipartimento di
Fisica ed Astronomia
ore 15:00

Dark matter in the Galaxy

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Abstract: The data we are receiving from galactic cosmic rays are reaching an unprecedented precision, over very wide energy ranges. In some of the data, a hint of dark matter annihilating in the galactic halo could be hidden. We discuss some paths to possible progress in the theoretical modeling and experimental exploration of the galactic cosmic radiation, and the opportunities for the indirect dark matter detection. We also briefly discuss the state of the art of direct particle dark matter searches.