Indirect Search for Dark Matter signatures in the Cosmic Rays as seen from Space

Tuesday, 6 July 2021 09:30 (30 minutes)

The Dark Matter (DM) problem, experimentally, is tackled in different ways that can fall into two main complementary areas: direct and indirect searches. Among the indirect searches for DM, the observation from space of possible indirect signatures in the Cosmic Rays and in the gamma-ray sector has triggered increasing interest in the last years, with space missions like PAMELA, AMS, FERMI, DAMPE and with the planned projects like GAPS (on stratospheric balloon) and HERD. This talk will give an overview on the current status of this field of research and on the perspectives awaited by future planned missions.

Primary author: RICCI, Marco (INFN - LNF)
Presenter: RICCI, Marco (INFN - LNF)
Session Classification: Dark Matter and Rare Processes
Track Classification: Dark Matter: Dark Matter and Rare Processes