

Second Gravi-Gamma Workshop



ID contributo: 26

Tipo: **Invited**

Cosmic Rays and their messengers

giovedì 24 giugno 2021 18:30 (25 minuti)

What is now referred to as multi-messenger and multi-frequency astrophysics has been at the very basis of the investigation of Cosmic Rays for many decades now: the spectrum and morphology of Galactic gamma ray and radio emission have represented powerful tools to unveil the origin of the cosmic radiation. Neutrinos and gravitational waves have recently joined the scene. The recent measurement of a flux of neutrinos of astrophysical origin has now added one actor to the list of messengers that tell us the tale of the acceleration and transport of cosmic rays. Surprises are not rare: I will discuss a few instances of information coming from gamma rays and neutrinos that are potentially affecting our way of thinking of cosmic rays, on galactic and extragalactic scales.

Email

Autore principale: Prof. BLASI, Pasquale (Gran Sasso Science Institute)

Relatore: Prof. BLASI, Pasquale (Gran Sasso Science Institute)

Classifica Sessioni: Multi-messenger science potential with current and future detectors