



Contribution ID: 73

Type: **Oral contribution**

Review talk: Fermi acceleration in relativistic outflows

Wednesday, 7 September 2022 09:00 (55 minutes)

The physics of acceleration of charged particles in relativistic astrophysical sources represents a central question in modern high-energy astrophysics and multi-messenger astronomy. This talk will discuss modern developments in our understanding of Fermi-type processes in relativistic plasmas: acceleration at shock waves, acceleration in magnetized turbulence, and finally during the interaction between a relativistic shock wave and a magnetized turbulent plasma.

Collaboration

Primary author: LEMOINE, Martin (Institut d'Astrophysique de Paris (CNRS, France))

Presenter: LEMOINE, Martin (Institut d'Astrophysique de Paris (CNRS, France))

Session Classification: Extragalactic Astrophysical accelerators