



Contribution ID: 313

Type: **Invited/Solicited talk in mini-symposium**

## VHE-UHE Gamma-rays from Relativistic Galactic Sources

*Tuesday, 12 December 2023 13:40 (25 minutes)*

Relativistic outflows are efficient particle accelerators, and TeV-PeV photons provide an extremely effective probe of these systems. I will discuss the latest observational results related to Galactic systems with relativistic outflows and associated gamma-ray emission, including pulsar wind nebulae and microquasars, and large-scale emission associated to particles that have escaped from such systems. Finally I will discuss the prospects for understanding the lifecycles and populations of these systems with the help of the new generation of ground-based gamma-ray instruments.

**Primary author:** Prof. HINTON, Jim (Max-Planck-Institut für Kernphysik, Heidelberg)

**Presenter:** Prof. HINTON, Jim (Max-Planck-Institut für Kernphysik, Heidelberg)

**Session Classification:** Astroparticle