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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.

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