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Review talk: Galactic astrophysical accelerators: an overview

Tuesday, 6 September 2022 09:00 (55 minutes)

In this talk I will summarize the status of the century long quest for the sources of Galactic Cosmic Rays. I will discuss recent challenges to the paradigm associating Galactic Cosmic Rays to acceleration in Supernova Remnants, and then introduce alternative classes of sources, such as star forming regions and Pulsar Wind Nebulae, that are gaining increasing attention thanks to highlights from high energy astrophysical observations. I will conclude by assessing what directions of investigation appear as the most promising to make progress.

Collaboration

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