

## Z221r Identifying Galactic PeVatrons — current status and the role of Imaging Air Cherenkov Telescopes

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The search for the highest-energy cosmic-ray accelerators in the Milky Way remains a central challenge in astroparticle physics. Over the past decade, discoveries by air-shower arrays such as LHAASO, HAWC, and Tibet AS $\gamma$  have provided unprecedented opportunities, while also highlighting a key difficulty: identifying the actual accelerators within often extended and morphologically complex emission regions.

In this presentation, I will review the unique and complementary role of Imaging Atmospheric Cherenkov Telescopes (IACTs) in advancing the study of Galactic PeVatron candidates. With their superior angular resolution and excellent sensitivity in the TeV to multi-TeV range, IACTs play a crucial role in linking air-shower-array measurements with multi-wavelength data from X-ray to radio wavelengths to support the identification and characterization of potential PeVatrons.