

The Fermi and eROSITA Bubbles

The Fermi bubbles are a pair of enormous gamma-ray-emitting bubbles discovered in 2010 in the inner Galaxy by the Fermi gamma-ray space telescope. In 2020, eROSITA X-ray telescope discovered a pair of even larger bubbles surrounding the Fermi bubbles in the soft X-ray band. The edges of these two bubble pairs may correspond to shock fronts, which could potentially accelerate cosmic ray particles. I will give a brief overview of these two bubble pairs and talk about the prospect and ongoing efforts to observe them with LHAASO.

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