

The Multiwavelength Milky Way

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ABSTRACT

The Milky Way Galaxy is generally considered as an Sbc-type galaxy. It has a central bulge of stars and various spiral arms of gas and stars in a disk. We view the Milky Way essentially edge-on from our perspective near the plane of the disk and about 28,000 light years from the Galactic center. In recent decades, Galactic astronomy has benefitted from a tremendous broadening of coverage of the electromagnetic spectrum by ground-based and space-based instruments.

The talk shall describe what is known about the Milky Way, and how our understanding of the Galaxy has advanced in recent decades with observations across the electromagnetic spectrum in order to better understand the structure of the Milky Way, and our location within it.