

Pulsar wind nebulae in X-rays and other wavelengths

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I will review recent progress in multiwavelength observations of pulsar wind nebulae (PWNe). In particular, I will talk about (1) constraining the pulsar magnetosphere geometry with high-resolution Chandra images, (2) properties of tails and misaligned outflows of supersonic pulsars, (3) far-UV emission from bowshocks, and (4) PWNe detected in TeV and GeV bands. I will also discuss the some open problems and future observing strategies.



Figure 1: Chandra images of compact structures in two PWNe (illustrations made by Nahks TrEhnl).

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