

H₂O Masers in the pre-planetary nebula IRAS 18043–2116

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The post-AGB star IRAS 18043–2116 (OH 009.1–0.4) has long been known to harbor high-velocity H₂O masers. Recent multi-epoch observations using the Very Long Baseline Array allowed for high spatial resolution images of this source. Here we present the results of the first few epochs observed, including the bipolar distribution, and relative proper motions of the H₂O masers. Full analysis of all epochs will yield a distance to IRAS 18043–2116 using trigonometric parallax.

