

Workshop

Stellar End Products: The Low Mass - High Mass Connection

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Title:

PNe in the making: monitoring at radio wavelengths

Abstract:

The onset of the ionisation is a crucial phase in the evolution of post-AGB stars. Because of the short time scales involved, this is a poorly known evolutionary stage. Multi-frequency and multi-epoch observations at radio wavelengths can be key to tracking this particular phase through the continuum emission from the circumstellar ionised region. We have observed a sample of objects classified as transiting from the post-AGB to the PN phase with the Very Large Array over several years. In this poster, we report the results obtained for two of our targets, where we detect clear radio variability with contrasting time patterns.