

Workshop

Stellar End Products: The Low Mass - High Mass Connection

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Title:

The first milli-arcsecond image of a post-AGB binary: the inner 10 AU of IRAS08544-4431

Abstract:

In this contribution I wish to present recent highlights of our systematic interferometric and radiative transfer studies of the dusty disks around post-AGB binaries. Recent surveys have shown that about 40% of all optically bright post-AGB stars are in such a system. The formation, evolution and fate of these rotating, circumbinary structures is yet ill-constrained, but intimately linked with the evolution of the central binary. Here I will focus on the first and spectacular milli-arcsecond image that we reconstructed based on very recent PIONIER/VLTI data.