

Workshop

Stellar End Products: The Low Mass - High Mass Connection

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Käufel, Hans Ulrich

Title:

Spectroastrometric Studies of post-AGB-stars

Abstract:

Intermediate-mass stars on their way to become white dwarfs chemically enrich the interstellar medium with S-process elements ejected during the AGB phase. Still little is known as to the physical processes and hence the final aggregate state of the ejecta. Will the dust survive and how? Most PNe are to a certain degree asymmetric, including extremely axisymmetric PNe, featuring complex disks, torii or other shaping engines. Infrared spectroastrometry at the VLT allows to study the spatial distribution and kinematics of post AGB objects with a spatial resolution approaching 1 mas.