

Workshop

Stellar End Products: The Low Mass - High Mass Connection

ESO Garching, 6-10 July, 2015

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Title:

Detection of Magnetic Fields in Evolved Stars: from the envelope to the photosphere

Abstract:

Our understanding of magnetism in late type stars, such as AGBs, Post-AGBs and PNe, has improved from an observational point of view. We are therefore starting to have a better picture of magnetic fields at different scales: from the envelope to the photosphere.

I will present two different types of polarimetric investigations which ultimately aim at studying the role and influence of magnetic fields on the dynamics (via mass loss control, outflows shaping) and even on the chemistry (e.g. extra mixing) of these stellar objects.