

Workshop

Stellar End Products: The Low Mass - High Mass Connection

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Title:

Binary stars - an interferometric view

Abstract:

Most stars are born and live in binary systems, and will often interact in one way or another. The study of binary stars is therefore critical to apprehend many of the most interesting classes of stars. Moreover, quite often, the study of stars in binary systems is our only mean to constrain stellar properties, such as masses and radii. Unfortunately, a great fraction of the most interesting binaries are so compact that they can be apprehended by high-resolution techniques only. I will present some results highlighting how interferometry is used in the study of binary stars, from determining the mass of stars to studying mass transfer in symbiotic stars, and tackling luminous blue variables.