

The Luminous Blue Variable Stars in M33

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M33 is an excellent laboratory to study stars in the upper H-R diagram and is so far the richest among nearby galaxies as number of identified LBVs. Hence it represents a good opportunity for investigating the S-Dor variability stage of a population of very massive stars. We discuss the physical nature and time variability of the LBVs in M33, largely using recent spectroscopic and photometric observations of our group. We discuss in detail one of these objects, the Romano's star, GR290, which recently decreased in luminosity, reaching a deep photometric minimum. This is associated with the appearance of a hot spectrum, which is the hottest ever recorded for an LBV star.