

SAIP 2011



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Optical study of the Southern high mass star forming region RCW 34

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Content :

To understand the formation of stars one must be able to identify young objects. RCW 34 is a star forming region in the constellation of Vela. A study was conducted in the near-infrared where it was found that a large number of stars surrounding the nebula shows NIR characteristics of lower mass pre-main sequence stars. To prove the suspicions a follow-up study was conducted in the optical. The results of a photometric and spectroscopic study on the the nebula and stars within a 7 arcmin x 7 arcmin region around the nebula will be presented.

Level (Hons, MSc, PhD, other)? :

MSc

Consider for a student award (Yes / No)? :

Yes

Short Paper :

Yes

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