

Stellar Populations in the dwarf galaxy NGC59



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2015, MNRAS, 450, 1338

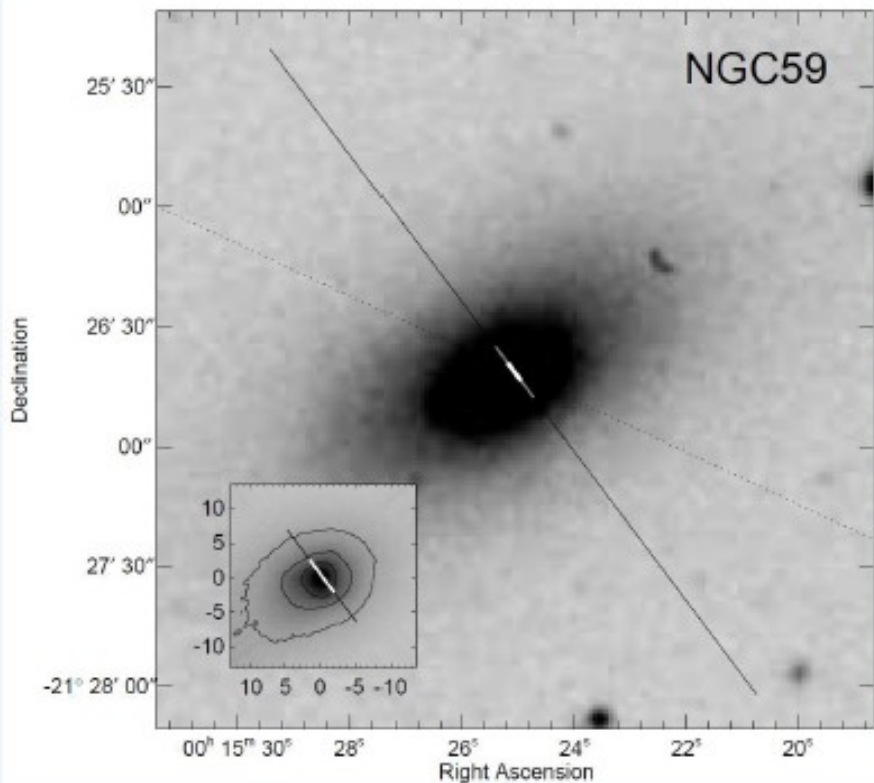


FIGURE 1. Red DSS image of NGC59. The RSS data were taken mainly along the minor axis, sampling three regions across the galaxy. Inset: RSS acquisition image of nuclear area showing asymmetry.

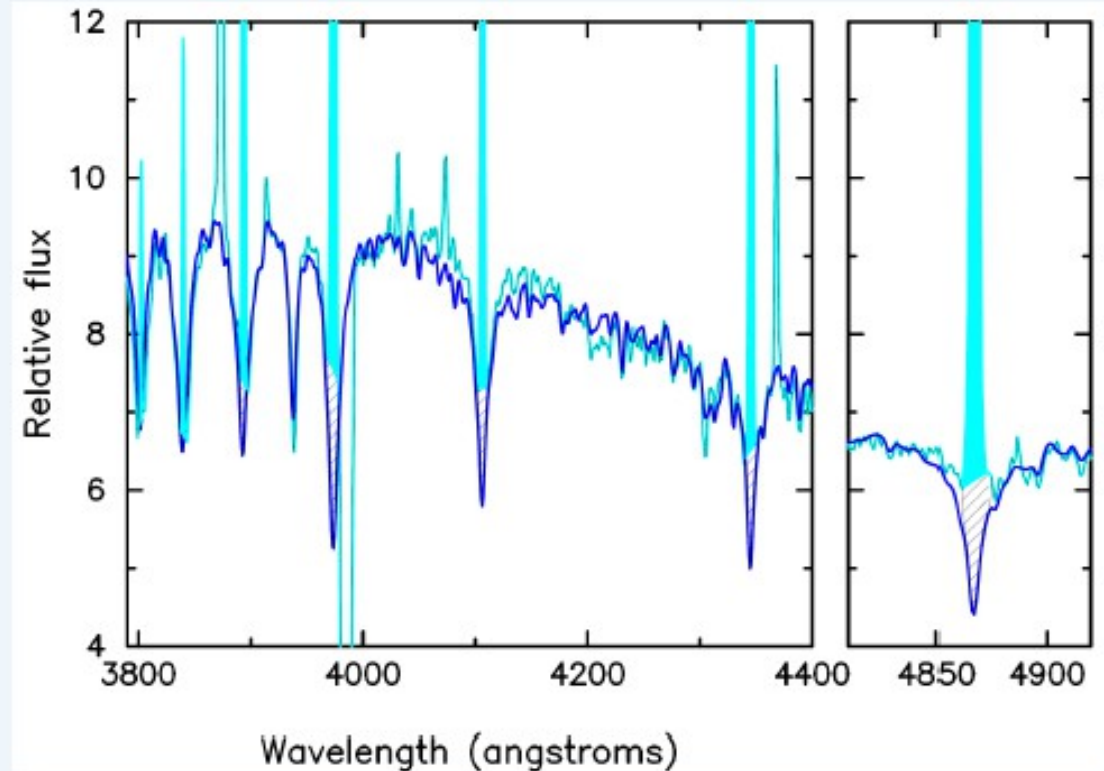


FIGURE 2. RSS spectrum of NGC59 centre, showing the H emission line replacement method: original (turquoise), best-fit SP model (dark blue) and final NGC59 spectrum with H emission lines replaced (thin black line).

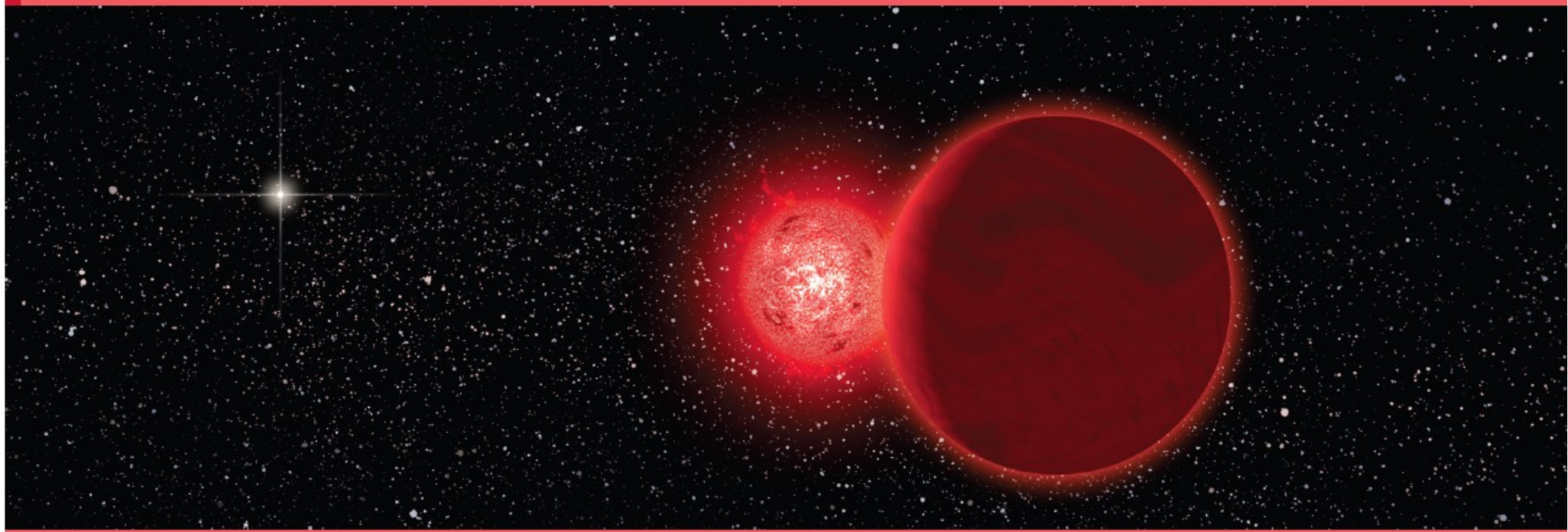
Very low metallicity – on-going SF – relic building block?

THE CLOSEST KNOWN FLYBY OF A STAR TO THE SOLAR SYSTEM

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Ivanov et al. 2015, A&A, 574, 64

Mamajek et al. 2015, ApJ, 800, L17

Very low proper motion
Very high radial velocity

Came within Oort cloud
70000 yrs ago.

