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Mira Variables and the Extragalactic Distance Scale

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Infrared observations of newly-discovered Mira variables in Local Group galaxies have shown that they follow a tight period-luminosity relation that can be used to determine a distance to any nearby galaxy found to harbour such stars. This presentation will show the outcome of a campaign with the IRSF telescope at Sutherland and consider the implications of the result for the distance scale in the era of the James Webb Space Telescope due to be launched in the near future.

Apply to be considered for a student award (Yes / No)?

No

Level for award (Hons, MSc, PhD, N/A)?

N/A

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