

Friday, February 9, 2018
4:10 – 5:00 PM

A Tale of Two Galaxies

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Abstract:

I will present a story of how a chance observing run kicked off more than a decade of exploration of and discovery in the Magellanic Clouds, during which we revised the temperature scale of red supergiants, measured the dynamical mass of the LMC, found that ~5% of the stars in the inner LMC actually appear to belong to the SMC (perhaps deposited there by a direct collision between the two galaxies), and that clusters with multiple populations may be mixed up with this scenario. We embarked on surveys to map the debris from this interaction, leading to the discovery of new structures around the Clouds and potential companion dwarf galaxies.

Host: David Nidever

** Refreshments served in the Barnard (EPS) second floor atrium at 3:45 **