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Low Surface Brightness galaxies: new hints for dark matter?

Thursday, October 17, 2019 12:10 PM (30 minutes)

I will talk about the relevance of the universal rotation curve (URC) method applied to rotating disc galaxies and, particularly, I will focus on the results obtained by analysing a special sample of galaxies called Low Surface Brightness (LSB) galaxies.

Furthermore, I will briefly talk about the relevance of the LSB results when compared to the Radial Acceleration Relation (RAR) given by McGaugh et al. three years ago.

Presenter: DI PAOLO, Chiara