
Predictions for the low surface-brightness Universe from the Horizon-AGN simulation

Garreth Martin*¹

¹University of Hertfordshire – United Kingdom

Abstract

Our understanding of galaxy evolution is underpinned by the parts of the galaxy population that we can see within the surface brightness limits current surveys. While modern instruments have allowed us to probe deeper into the low surface-brightness (LSB) regime ($\mu > 23 \text{ mag arcsec}^{-2}$), a majority of the LSB objects in the

*Speaker