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LU overview

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The Local Universe Science Working Group (LU-SWG) is the Euclid consortium's team that works in galaxy evolution in the nearby Universe ($z < 0.3$). Euclid will provide an unmatched view of these objects considering our combination of spatial resolution, sky coverage and photometric depth. Remarkably, we also have the power of transforming the survey removing nuisances such as different sky backgrounds and cirrus. All these features have enabled us to peer into the Low Surface Brightness regime of galaxies, a very much unexplored "terra incognita" in the lives of galaxies. We will provide a brief review of our activities, trying to find possible synergies with the rest of Euclid's group.

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Session Classification : Invited talks