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On the environmental dependence of galaxy properties in dusty semi-analytical models

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We have recently implemented in the public L-Galaxies 2020 semi-analytical model our treatment of dust production from evolved stars and subsequent evolution driven by ISM processes. In this contribution, we discuss how the properties of simulated galaxies depend on the large-scale environment, focusing in particular on their dust component.

Presenter: PARENTE, Massimiliano

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