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The dependency of Type Ia supernovae on host galaxy morphology

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The galaxy morphology is a way to characterize the Type Ia supernova (SN Ia) environnement. In this talk, first, the correlation between the galaxy morphology and other tracers of SN Ia environment will be addressed. In a second part, the study of the dependency of SALT2 light curve parameters with respect to the galaxy morphology from the Pantheon compilation will be presented, as well as its potential impact on the Hubble diagram.

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