

**Near and far: Comparing local and high-redshift disk galaxies
to constrain their star formation histories.**

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Abstract A combination of stellar population synthesis and a simple chemical enrichment model is shown to be a robust estimator of the star formation history of galaxies. We use such an approach on disk galaxies, comparing local late-type galaxies with a high-redshift sample from the FORS deep field. The analysis -- which involves optical and NIR broadband photometry -- aims at the estimate of scaling laws of global parameters that control star formation, such as the fraction of gas ejected in outflows, the infall timescale or the efficiency of star formation.