
Insight on the sources of cosmic reionisation and their stellar and ISM properties

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Abstract

I will present new/recent studies on confirmed Lyman continuum leakers and related star-forming galaxies based primarily on new HST observations and on the modeling of emission lines and UV absorption lines.

This work provides new insight on sources of cosmic reionization, their ISM, stellar population and ionizing photon production, as well as on the mechanisms allowing for the escape of Lyman continuum radiation. It also yields important diagnostic tools to identify and study these sources with upcoming facilities and instruments, such as the JWST.

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