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Osservazioni dell'alba cosmica con JWST

Tuesday, 16 May 2023 15:30 (20 minutes)

In just a few months, JWST has started to transform our understanding of the epoch of cosmic dawn. In this talk, I will present the recent results from early JWST observations showing a possible accelerated evolution of the first galaxies and structures. I will focus on the results from the GLASS-JWST survey that provided the first evidence of a high abundance of UV-bright galaxies at $z > 9$, and led to the discovery of a possible overdensity at $z \sim 10$. I will discuss the potential implications for cosmology and prospects for future investigations of the first galaxy populations.

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