



Contribution ID: 17

Type: **not specified**

Osservazioni dell'alba cosmica con JWST

Tuesday, May 16, 2023 3:30 PM (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.

Presenter: CASTELLANO, Marco (Istituto Nazionale di Astrofisica (INAF))

Session Classification: Banda IR-Ottico