

Jeudi 3 avril 2025 à 11h (IAS, bâtiment 121, salle 1-2-3)

Cosmology and first galaxies with JWST

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The field of galaxy formation and evolution is currently undergoing a revolution thanks to the latest observations from the James Webb Space Telescope (JWST), which provide a fresh perspective on the mechanisms of galaxy formation in the young universe. I will give an overview of our efforts to achieve a comprehensive understanding of galaxy formation during the cosmic dawn and how the first galaxies transformed the baryonic state of the Universe during cosmic reionization.