



ID de Contribution: 79

Type: **Oral presentation**

The Star Formation History of the Milky Way galaxy

jeudi 24 mars 2022 12:00 (10 minutes)

In today's Universe, a star is more likely to be found in a galaxy of the mass of the Milky Way than in any other type of galaxy. Understanding how these galaxies formed and evolved is therefore a major challenge in astronomy and the Milky Way gives us the opportunity to study one of these galaxies from the inside with unique details. The history of stellar formation is one of the fundamental pieces of information needed to understand how and when stellar populations came to form the Milky Way as we know it today. However, very little is known about its intensity and variations over time, and the causes of these variations. The history of stellar formation is also one of the most fundamental criteria for judging whether our Galaxy can be considered representative of other galaxies with similar masses. The objective of this thesis work is to measure this history thanks to the large catalogues that have recently become available (Gaia, APOGEE) or are in preparation (WEAVE on the William Herschel Telescope), and to analyse it in the context of our knowledge of galactic stellar populations.

Field

Not in the above

Day constraints

For my presentation I will be available on the 24/03 and 25/03.

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Classification de Session: Talk

Classification de thématique: Astrophysics