

CEMP Stars as Probes of First-Star Nucleosynthesis, the IMF, and Galactic Assembly



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Asteroseismology and transport processes in stellar interiors

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Thanks to space missions, measurements of solar-like oscillations are now available for a large sample of stars. This has led to the precise characterization of the global and internal properties of these stars, and in particular of their internal rotation. In this talk, we will first discuss how these asteroseismic measurements can help us progress in the modelling of angular momentum transport processes in stellar interiors. We will then describe the impact of these transport mechanisms on the evolution of stars, with a peculiar emphasis on the modelling of CEMP stars.

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