

Early evolutionary tracks of low-mass stars in modified gravity

Saturday 26 September 2020 15:15 (30 minutes)

I will present how pre-main sequence and low-mass stars' ($M < 0.5$ solar mass) can be a laboratory for constraining theories of gravity. We will discuss modified gravity impacts on their early evolution, such as Hayashi tracks and radiative core development, together with the measured quantities such as effective temperature, masses, and luminosities as well as fusion of light elements.

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