ID de aportación : **8** Tipo: **Charla paralela**

Forming supermassive black holes in the early universe

miércoles, 13 de noviembre de 2024 14:00 (1 hora)

The problem of forming supermassive black holes (SMBHs) with masses up to a billion solar masses at redshifts close to the dawn of galaxy and stellar formation is exacerbated by their daily observations from the James Webb Space Telescope (JWST). I discuss a novel channel of SMBH formation due to the gravitational collapse of superdense structures of dark matter made of sub-MeV fermions. I also discuss the motivation and consequences of such fermionic dark matter from galactic structures.

Nivel de formación

Profesor

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