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Type: **Talk in the parallel session**

Numerical simulations of Primordial Black Holes (PBHs)

Thursday, 8 July 2021 16:55 (25 minutes)

In this talk, I will talk about the recent developments in numerical simulations of PBHs under spherical symmetry on a FRW background. Specifically, I will focus on the threshold for PBH formation and the effect of the accretion and sizes of the PBHs formed in terms of the specific shape of the initial curvature profile.

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Session Classification: Effects of Primordial Perturbations Enhancement: from Black Holes Formation to CMB Anomalies

Track Classification: Cosmic Microwave Background: Effects of Primordial Perturbations Enhancement: from Black Holes Formation to CMB Anomalies