

# Primordial black hole formation from cosmological perturbations: recent developments

*Monday, 11 December 2023 11:10 (50 minutes)*

Primordial black holes may have been formed from sufficiently large amplitude perturbations in the early Universe. The central aim of the formation studies is to predict the abundance and other properties of PBHs, given the cosmological scenario. Both numerical relativity simulations and analytical investigations play an important role. In this talk I will introduce some of the recent developments, focusing on the dynamics in different situations.

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**Session Classification:** Plenary Session