

# Constraining the early universe with primordial black holes

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**Fecha:**

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**Lugar:**

Sala de Conferencias  
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**Abstract:** Primordial black holes (PBHs) could have formed very early in the history of the universe after inflation ended. They are a viable dark matter candidate and represent a unique probe to study the small scales of the early universe, not visible by other means. I will discuss how PBHs have been used to constrain the small scales, and how this depends strongly on the non-Gaussianity parameters, as well as how PBHs can be used to constrain the large scales in the early universe.