



Contribution ID: 138

Type: **not specified**

Signatures of and constraints on Primordial Black Holes as dark matter

Tuesday, September 12, 2023 9:25 AM (25 minutes)

I will review the Primordial Black Hole (PBH) hypothesis for explaining the dark matter in the universe. I will focus on the peculiar 'asteroid mass range' where this possibility remains viable, discussing a number of signatures that have been proposed to search for them, and present current constraints. I will conclude highlighting some perspectives for the foreseeable future.

Primary author: SERPICO, Pasquale Dario (CNRS, Laboratoire d'Annecy-le-Vieux de Physique Théorique (LAPTh), France)

Presenter: SERPICO, Pasquale Dario (CNRS, Laboratoire d'Annecy-le-Vieux de Physique Théorique (LAPTh), France)

Session Classification: Plenary

Track Classification: Indirect DM searches