

SOLVAY COLLOQUIUM 'ONLINE'



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Inflation Breeds Primordial Black Holes

The existence of primordial black holes (PBHs) was suggested more than half a century ago. However, studies on the PBH formation have remained qualitative until recently. The situation has drastically changed in the last few years. The rapid progress in gravitational wave astrophysics/cosmology has made projections of detecting signatures of PBHs quite feasible. Parallel to it, various models of inflation that produce PBHs have been proposed. In this talk I'll review the PBH formation from inflation, focusing on some recently-found novel mechanisms that lead to it.

Friday 23 September 2022 at 4:00 P.M.

PLEASE SEE THE ZOOM LINK BELOW:

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