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Seminar of the theory group of APC

Mardi 19 Octobre 2021, 14 :00
APC, contact roperpol@apc.in2p3.fr for Zoom meeting details
Domaines : gr-qc

Titre : *Gravitational wave probes of primordial black holes*

Orateur : **Ville Vaskonen (Institut de Física d'Altes Energies)**

Résumé : *The dawn of gravitational wave (GW) astronomy has enabled new probes of dark matter. In particular, the formation and abundance of primordial black holes (PBHs) can be probed through GWs. In this talk I will discuss different ways how GW observations can be used to probe PBHs and I will review the implications of LIGO-Virgo observations on PBHs.*