

Session Program

19-22 May 2025



NEHOP'25 - New Horizons in Primordial Black Hole Physics

PBHs from inflation

Brussels

Monday 19 May

09:20

PBHs from inflation

Session | Location: Brussels

09:20–09:50 **Stochastic inflation beyond slow roll**

Speaker
David Wands

09:50–10:10
Calculation of primordial non-Gaussianity from ultra slow-roll inflation

Speaker
Alejandro Perez Rodriguez

10:10–10:30 **Causality Bounds on the Primordial Power Spectrum**

Speaker
Sebastian Céspedes

10:30–11:00 **Coffee Break**

11:00–11:20 **From the inflaton potential to PBH abundance**

Speaker
Syksy Räsänen

11:20–11:40 **Mapping inflationary loop corrections to boundary terms**

Speaker
Dr Laura Iacconi

11:40–12:00
Ultraslow-roll inflation on the lattice: backreaction and nonlinear effects

Speaker
Angelo Caravano

12:00–12:20 **Eternal inflation in primordial black hole models**

Speaker
Eemeli Tomberg

12:20–12:40 **Stochastic Dynamics during Inflation**

Speaker
Parth Bhargava

12:40