



QUESTIONS OF HORIZON

PARIS, December 4 & 5, 2014

PROGRAM

Thursday 4 December, 2014

Auditorium Pierre-Gilles de Gennes, Building Condorcet (lower level)

13h30-14h00 Registration

14h00-14h45 **Gia Dvali** (Munich University and Max Planck, New York University) :
Corpuscular resolution of inflation

15h00-15h45 **Alexis Helou** (APC) : From black holes to cosmology and back

15h55-16h15 : **Coffee break**

16h15-17h00 **Thomas Hertog** (University of Leuven, Belgium) : Horizons in quantum
cosmology

17h15-18h00 **Jonathan Gair** (Cambridge) : Observing horizons with eLISA (TBC)



Friday 5 December, 2014

Auditorium Biopark, 11 rue Watt, 4th floor

9h15-10h00 **Renaud Parentani** (LPT Orsay) Probing physics of horizons in condensed matter systems

10h15-11h00 **Ivan Booth** (Memorial University, St John's, Canada) Black hole and cosmological boundaries

11h15-11h35 **Coffee break**

11h35-12h20 **Jibril Ben Achour** (APC) : Thermodynamics of isolated horizons from loop quantum gravity

12h30-14h00 **Lunch**

14h00-14h45 **Iosip Bena** (IPhT Saclay) : Black hole microstates and their mechanism for hovering at the horizon

15h00-15h45 **Federico Piazza** (CPT Marseille) Thermodynamics of timelike accelerated screens

16h00 **End**