

# Cosmology and High Energy Physics II

Laboratoire Charles Coulomb  
9 December 2016

**10<sup>00</sup> – 11<sup>00</sup>** : Philippe Brax (IPhT)

*Massive gravity? Bigravity!*

**11<sup>00</sup> – 12<sup>00</sup>** : Karim Noui (LMPT)

*Higher Derivative Scalar-Tensor Theories: going beyond Horndeski*

**12<sup>00</sup> – 14<sup>00</sup>** : Lunch

**14<sup>00</sup> – 15<sup>00</sup>** : Iosif Bena (IPhT)

*Black Hole Microstate Geometries and the Information Paradox*

**15<sup>00</sup> – 16<sup>00</sup>** : David Polarski (L2C)

*New results on the growth index*

**16<sup>00</sup> – 16<sup>30</sup>** : Coffee break

**16<sup>30</sup> – 17<sup>30</sup>** : Patrick Peter (IAP)

*Non-quantum equilibrium in the trajectory approach in quantum cosmology*