

Cosmology and High Energy Physics V

Laboratoire Charles Coulomb

28 February 2020

10⁰⁰ – 11⁰⁰ : Philippe Brax (CEA-Saclay)

Scalar dark matter

11⁰⁰ – 12⁰⁰ : Yannick Herfray (ULB, Bruxelles)

Intrinsic conformal geometry of null-infinity and its gravitational wave

12⁰⁰ – 14⁰⁰ : Lunch

14⁰⁰ – 15⁰⁰ : Bruno Le Floch (LPTENS, Paris)

Cyclic spacetimes through singularity scattering maps

15⁰⁰ – 16⁰⁰ : Patrick Peter (IAP, Paris)

A simple method for singularity avoidance and some consequences

16⁰⁰ – 16³⁰ : Coffee break

16³⁰ – 17³⁰ : Clément Stahl (APC, Paris)

Primordial non-gaussianities or relativistic effects in Large Scale Structures?

17³⁰ – 18³⁰ : Rodrigo Calderon (L2C, Montpellier)

Properties of the Growth Index of Matter Inhomogeneities in the Universe