

Programme des sessions

30 mars 2021 à 1 avril 2021

**Conference: Meeting of the National
Research Group on Gravitational Waves**

Contributed talks: Cosmology

Institut Henri Poincaré, Amphithéâtre Hermite
11 rue Pierre et Marie Curie 75005 Paris

mer. 31 mars

14:00

Contributed talks: Cosmology**Session**

14:00 - 14:15

Probing the inflationary particle content with gravitational waves**Orateur**

Matteo Fasiello

14:15 - 14:30

Kination cosmology from scalar fields and gravitational-wave signatures**Orateur**

Peera Simakachorn

14:30 - 14:45

Gravitational radiation from MHD turbulence in the early universe**Orateur**

Alberto Roper Pol

14:45 - 15:00

Theoretical uncertainties for cosmological phase transitions**Orateur**

Oliver Gould

15:00 - 15:15

Cosmology with dark gravitational wave sources**Orateur**

Suvodip Mukherjee

15:15 - 15:30

Constraining the Hubble constant and modified GW propagation with LIGO/Virgo dark sirens and galaxy catalogs**Orateur**

Mancarella Michele

15:30 - 15:45

Mapping the inhomogeneous Universe with Standard Sirens: Degeneracy between inhomogeneity and modified gravity theories**Orateur**

Marios Kalomenopoulos

15:45 - 16:00

Study of Neutron Star in the presence of Dark Matter**Orateur**

Harish Chandra Das

16:00