

Session Program

8-9 déc. 2021

9th LISA Cosmology Working Group Workshop

LISA CosWG Workshop day 1

mer. 8 décembre

15:00

LISA CosWG Workshop day 1

Session | Site:

15:00 – 15:30 Status of the LISA mission**Orateurs**

Antoine Petiteau, Martin Hewitson

15:30 – 16:00 LSG activities and Working Packages**Orateur**

Jon Gair

16:00 – 16:25 Overview of LISA astrophysics WG white paper**Orateur**

Volonteri Marta

16:25 – 16:50 Overview of LISA waveform WG white paper**Orateur**

Witek Helvi

16:50 – 17:05 Break**17:05 – 17:30 Overview of LISA Fundamental Physics white paper****Orateur**

Daniela Doneva

17:30 – 18:00 Tools from the LDC and how to get involved**Orateur**

Quentin Baghi

18:00 – 18:10 Primordial gravitational-waves boosted by the axion**Orateur**

Peera Simakachorn

18:10 – 18:20**Oscillations in the stochastic gravitational wave background from particle production during inflation****Orateur**

Jacopo Fumagalli

18:20 – 18:30 Status of Bouncing Cosmology and possible observations with LISA**Orateur**

Ido Ben-Dayan

18:30 – 18:40 Bridging the μHz gap in the gravitational-wave landscape with binary resonance**Orateur**

Alex Jenkins

18:40 – 18:50 Impact of LIGO-Virgo binaries on gravitational wave background searches

Orateur
Ville Vaskonen

18:50 – 19:00

Nonperturbative quantization of gravitational waves, and their signatures: a model

Orateur
Saeed Rastgoo

19:00