

Pregramme des sessions

17 novembre 2025

FRIF Day 2025

Session 1

Institut d'Astrophysique de Paris
98 bis boulevard Arago 75014 Paris

lun. 17 novembre

09:00

Session 1

Session | **Site:** Institut d'Astrophysique de Paris, 98 bis boulevard Arago 75014 Paris | **Responsable de session:** Prof. Benjamin Fuks

09:00 – 09:05 **Welcome words**

Orateurs

Prof. Benjamin Fuks, Kumiko Kotera

09:10 – 09:35 **Probing the high-energy universe with neutrinos and gamma rays**

Orateur

Pablo Correa

09:40 – 10:05 **Dark matter with jets and photons**

Orateur

Yoxara Sanchez Villamizar

10:10 – 10:35 **What can photos taken inside a mountain tell us about the nature of dark matter?**

Orateur

Nicolás Avalos

10:40 – 11:10 **Coffee break**

11:10 – 11:35 **A superposition quantum universe and its perturbations**

Orateur

Lisa Mickel

11:40 – 12:05 **The sorrows of old monopole**

Orateur

Michele Frigerio

12:10 – 12:35 **Stochastic loop quantum cosmology**

Orateur

Tays Miranda de Andrade

12:40 – 14:00 **Lunch buffet**

14:00 – 14:25 **Stochastic dynamics towards generalized Gibbs ensembles**

Orateur

Rafael González Albaladejo

14:30 – 14:55 **On some universal results in 2D conformal field theories**

Orateur

Ioannis Tsiaras

15:00 – 15:25 **Universal clustering in some nonequilibrium systems**

Orateur

Renan Almeida

15:30 – 16:00 **Coffee break**

16:00 – 16:25 **Novel BSQED test with antiprotonic atom x-ray spectroscopy at CERN**

Orateur
Michael Roosa

16:30 – 16:55 **3D gauge theory / quantum K-theory correspondence**

Orateur
Osama Khlaif

17:00 – 17:25 **Gravitational wave tests of cosmology and gravity**

Orateur
Charles Dalang

18:00