

Session Program

23-24 Oct 2025



LISA-Spain Meeting 2025

Contributed talks

Madrid, CFMAC Lecture Hall
Calle Serrano 121 28006 Madrid (Spain)

Thursday 23 October

17:00

Contributed talks

Session | **Location:** Madrid, CFMAC Lecture Hall, Calle Serrano 121 28006 Madrid (Spain)

17:00–17:20

Massive Black Hole Binary sub-unit activities in the LISA DDPC

Speaker

Antoni Ramos-Buades

17:20–17:40

LISA's Potential to Test the Kerr Hypothesis: Symmetry-Breaking Effects in Extreme-Mass-Ratio Inspirals

Speaker

Pablo F. Muguruza

17:40–18:00

Distinguishing Galactic Compact Binaries in LISA's Observations

Speaker

Dr Panagiota Kolitsidou

18:00–18:20

A hybrid time-domain approach to the LISA response: performance and applications

Speaker

Jorge Valencia

18:20–18:40

Towards a fast and reliable global fit with Sequential Neural Likelihood

Speaker

Ivan Martin Vilchez

18:40

Friday 24 October

14:50

Contributed talks

Session | **Location:** Madrid, CFMAC Lecture Hall, Calle Serrano 121 28006 Madrid (Spain)

14:50–15:10

Subtraction of Correlated Low-Frequency Noise Induced by a Magnetic Field Simulator for In-Orbit Experiments of Magnetic Measurements

Speaker

Cristian María-Moreno

15:10–15:30

Magnetic diagnostics on-board LPF

Speaker

Mr Daniel Serrano Rubio

15:30–15:50

UCAnFly CubeSat Mission Status: Sub-millihertz Chip-Scale Magnetometry Moving Toward System Assembly

Speaker

Julen Morillas-Alcarazo

15:50–16:10

Kinematic anisotropies in LISA

Speaker

Jacopo Fumagalli

16:10–16:30

Detecting DM Decay into Gravitons: Theory and Forecasts

Speaker

Álvaro Cendal

16:30

17:00

Contributed talks

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17:00–17:20

Tensor Backreaction in Chromo-Natural Inflation Systems: Evolution and Signatures

Speaker

Cristóbal Zenteno Gatica

17:20–17:40

The Strong Scalar Backreaction in non-Abelian Axion-Gauge Inflation

Speaker

Mattia Cielo

17:40–18:00

A Hamiltonian approach to Schwarzschild master functions

Speaker

Andrés Mínguez-Sánchez

18:00–18:20

From the interior to the exterior of a nonrotating black hole: extension of a vacuum state.

18:20

Speaker

ALVARO TORRES-CABALLEROS