

Session Program

2-6 Jun 2025



12th LISA CosWG Workshop

Morning session

Estonian Academy of Sciences
Tallinn, Kohtu 6

Tuesday 3 June

09:30

Morning session

Session | **Location:** Estonian Academy of Sciences, Tallinn, Kohtu 6

09:30–10:00

Distinguishing Cosmic-String Modelings with LISA

Speaker

Peera Simakachorn

10:30

10:00–10:30

Reconstructing primordial curvature perturbations

Speakers

Gabriele Perna, Jonas El Gammal

Wednesday 4 June

09:30

Morning session

Session | **Location:** Estonian Academy of Sciences, Tallinn, Kohtu 6

09:30–10:00

Gravitational Wave Lensing: LISA perspective

Speaker

Jose Maria Ezquiaga Bravo

10:00–10:30

Gravitational wave lensing as a probe of small-scale structures in our universe

Speaker

Han Gil Choi

10:30

Thursday 5 June

09:25

Morning session

Session | **Location:** Estonian Academy of Sciences, Tallinn, Kohtu 6

09:30–09:50

SMBH growth in FDM and WDM universes, bounds from JWST and predictions for LISA

Speaker

Juan Urrutia

09:50–10:10

The stochastic gravitational wave background from cosmic superstrings

Speaker

Juhan Tiitus Raidal

10:10–10:30

Superconducting Cosmic Strings and Their Gravitational Wave Fingerprints

Speaker

Ivan Rybak

10:30

Friday 6 June

09:30

Morning session

Session | **Location:** Estonian Academy of Sciences, Tallinn, Kohtu 6

09:30–10:00

Pulsar Timing Arrays and Astrometry: Going Beyond the Hellings-Downs correlation

Speaker

Gianmassimo Tasinato

10:00–10:30

Challenges in maximising the scientific output of the Stochastic Gravitational Wave Background with LISA

Speaker

Martina Muratore

10:30