

Session Program

12-14 Mar 2025

2nd Nordic Cosmology Meeting

Contributed talks

University of Helsinki, E204
Gustaf Hällströmin katu 2, 00560 Helsinki

Wednesday 12 March

14:45

Contributed talks

Session | **Location:** University of Helsinki, E204, Gustaf Hällströmin katu 2, 00560 Helsinki

14:45–15:05 **Symmetry-breaking inflation in non-minimal metric-affine gravity**

Speaker

Antonio Racioppi

15:05–15:25 **Axion inflation with non-Abelian gauge fields**

Speaker

Oksana Iarygina

15:25

16:00

Contributed talks

Session | **Location:** University of Helsinki, E204, Gustaf Hällströmin katu 2, 00560 Helsinki

16:00–16:20 **New early dark energy and its equation of state**

Speaker

Aleksandr Chatrchyan

16:20–16:40 **Quasi-Palatini Gravity and Scalar-Tensor Theories**

Speaker

Sotirios Karamitsos

16:40

Thursday 13 March

12:40

Contributed talks

Session | **Location:** University of Helsinki, E204, Gustaf Hällströmin katu 2, 00560 Helsinki

12:40–13:00 **Global portraits of inflation in nonsingular variables**

Speaker
Laur Järv

13:00

14:45

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14:45–15:05

Cosmological Implications of a New Dark Sector Phase Transition after BBN

Speaker
Florian Niedermann

15:05–15:25

Holography for phase transitions

Speaker
Mikel Sánchez Garitaonandia

15:25–15:45

Thermal nucleation in perturbation theory

Speaker
Dr Joonas Hirvonen

15:45

16:15

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16:15–16:35

Gravitational waves with the Pencil Code

Speaker
Prof. Axel Brandenburg

16:35–16:55

Absence of propagating gravitational-wave polarisations in degenerate $f(R)$ models

Speaker
Adrián Casado-Turrión

16:55–17:15

The NANOGrav 15 yr Data Set: Running of the Spectral Index

Speaker
Rafael Robson Lino dos Santos

17:15–17:35

Black holes and gravitational waves from slow phase transitions

Speaker
Ville Vaskonen

18:15

Friday 14 March

10:30

Contributed talks

Session | **Location:** University of Helsinki, E204, Gustaf Hällströmin katu 2, 00560 Helsinki

10:30–10:50 **Primordial Black Holes from the Running-Mass-Inflation**

Speaker

Mindaugas Karčiauskas

10:50–11:10 **Revisiting butterfly effects for asymptotically Lifshitz black hole**

Speaker

Dr Adrita Chakraborty

11:10

11:40

Contributed talks

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11:40–12:00 **Evolution of black hole-string networks**

Speaker

Asier Lopez Eiguren

12:00–12:20 **Networks of Axion Strings - Scaling**

Speaker

Jose Ricardo Correia

12:20–12:40 **Λ CDM theory of cosmology**

Speaker

Tomi Koivisto

12:40–13:00 **The Adiabaticity Condition Revisited: Necessary but not Sufficient**

Speaker

Subodh Patil

13:00