



# First Nordic Cosmology Meeting

## Monday, 23 October 2023

### Contributed Talks - Lecture Room 17 (14:00 - 15:30)

-Conveners: Deanna C. Hooper

time	[id] title	presenter
14:00	[8] Palatini $F(R,X)$ : a new framework for inflationary attractors	RACIOPPI, Antonio
14:15	[9] Primordial black holes as dark matter: the role of stochastic effects	RÄSÄNEN, Syksy
14:30	[10] Dynamics of domain walls in the asymmetron model	CHRISTIANSEN, Øyvind
14:45	[11] Dissecting the Primordial Signal in Large-Scale Structure Power Spectra	WALLISCH, Benjamin
15:00	[13] Electroweak sphaleron in a magnetic field	ANNALA, Jaakko
15:15	[12] Cosmological-scale magnetic fields from galactic outflows and search for primordial magnetic field	BONDARENKO, Kyrilo

### Contributed Talks - Lecture room 17 (16:00 - 17:30)

-Conveners: Joshua Eby

time	[id] title	presenter
16:00	[17] Is gravity the only dark matter interaction that matters in the physics of galaxies?	FRANCO ZAVALA, Jesús
16:15	[16] Prospects for percent-accuracy measure of tau with Tau'r'us	ADLER, Alexandre
16:30	[15] Probing Cosmological Models Through the Era of First Galaxies	GIRI, Sambit Kumar
16:45	[18] Glueball dark matter	CARENZA, Pierluca
17:00	[14] Testing gravity through the distortion of time	CASTELLO, Sveva

# Tuesday, 24 October 2023

## **Contributed Talks - Albano 3: 4204 - SU Conference Room (56 seats) (14:45 - 16:00)**

-Conveners: Aleksandr Chatrchyan

time	[id] title	presenter
14:45	[20] Impact of fifth force large scale screening models on the Hubble tension	HÖGÅS, Marcus
15:00	[21] Frequentist analyses of beyond-LambdaCDM models	HOLM, Emil Brinch
15:15	[22] Exploring Demographic Drift of Type Ia SNe and It's Impact on Cosmological Constraints	HJORTLUND, Jacob Osman
15:30	[23] Testing the relic neutrino decay solution to the EDGES anomaly and ARCADE2 excess with neutrino oscillation experiments	ROSHAN, Rishav
15:45	[24] General relativistic bubble growth in cosmological phase transitions	GIOMBI, Lorenzo

## **Contributed Talks - Albano 3: 4204 - SU Conference Room (56 seats) (16:30 - 17:30)**

-Conveners: Benjamin Wallisch

time	[id] title	presenter
16:30	[25] Real scalar phase transitions: bubble nucleation, nonperturbatively	KORMU, Anna
16:45	[26] Gravitational waves from Dark Phase Transitions at Strong Coupling	RAMBERG, Nicklas
17:00	[27] Reconstructing phase transitions from future LISA data	C. HOOPER, Deanna
17:15	[28] Perturbative EFT expansions for cosmological phase transitions	TENKANEN, Tuomas

# Wednesday, 25 October 2023

## Contributed Talks - Albano 3: 4204 - SU Conference Room (56 seats) (11:30 - 12:30)

-Conveners: **Kyrylo Bondarenko**

time	[id] title	presenter
11:30	[32] Gravitational wave emission from a cosmic string loop	BAEZA-BALLESTEROS, Jorge
11:45	[29] Gauge invariant and self-consistent phase transition calculations	LÖFGREN, Johan
12:00	[31] Reliable dynamics in a hot Universe	EKSTEDT, Andreas