



# New Directions in Cosmology

## Tuesday 24 March 2020

### Invited talks - Faculty of Science Bldg. 1 East: Room 285 (10:00-10:40)

time	[id] title	presenter
10:00	[46] Is there a supernovae bound on axions?	BLUM, Kfir

### Invited talks - Faculty of Science Bldg. 1 East: Room 285 (11:10-12:30)

time	[id] title	presenter
11:10	[8] Nucleons, Electrons, and Pasta: Discovering Dark Matter by Reheating the Neutron Star Soup	RAJ, Nirmal
11:50	[9] TBA	LIN, Tongyan

# Wednesday 25 March 2020

## Invited talks - Faculty of Science Bldg. 1 East: Room 285 (09:20-10:40)

time	[id] title	presenter
09:20	[18] Future prospects of the 21cm cosmology	ICHIKI, Kiyotomo
10:00	[19] Probing the Primordial Universe with 21cm line	TAKAHASHI, Tomo

## Invited talks - Faculty of Science Bldg. 1 East: Room 285 (11:10-12:30)

time	[id] title	presenter
11:10	[20] An Independent Measurement of $H_0$ from Lensed Quasars	WONG, Kenneth
11:50	[21] A model of a dark matter from the Hubble tension and the core-cusp problem	CHOI, Gongjun

# Thursday 26 March 2020

**Invited talks - Faculty of Science Bldg. 1 East: Room 285 (09:20-10:40)**

time	[id] title	presenter
09:20	[30] TBD (CMB observation - current status and future prospect)	KUSAKA, Akito
10:00	[31] Dark matter search in extended dwarf spheroidal galaxies with CTA	HIROSHIMA, Nagisa

**Invited talks - Faculty of Science Bldg. 1 East: Room 285 (11:10-12:30)**

time	[id] title	presenter
11:10	[32] Current status and future prospects of gravitational-wave cosmology	HOTOKEZAKA, Kenta
11:50	[33] TBA	MURASE, Kohta

# Friday 27 March 2020

## Invited talks - Faculty of Science Bldg. 1 East: Room 285 (09:20-10:40)

time	[id] title	presenter
09:20	[35] TBA	STADNIK, Yevgeny
10:00	[36] TBA	SAIKAWA, Kenichi

## Invited talks - Faculty of Science Bldg. 1 East: Room 285 (11:10-12:30)

time	[id] title	presenter
11:10	[37] TBA	ISHIWATA, Koji
11:50	[38] Progress in understanding Dark Matter Sommerfeld-enhanced annihilation, bound-state formation and decay in the early Universe	BINDER, Tobias

## Invited talks - Faculty of Science Bldg. 1 East: Room 285 (14:00-15:20)

time	[id] title	presenter
14:00	[53] TBD	PARK, Seong Chan
14:40	[54] TBA	IBARRA, Alejandro