



# COSMO 2018

## Monday, 27 August 2018

### Plenary Session - Main Hall (09:00 - 10:30)

-Conveners: Kiwoon Choi

time	[id] title	presenter
09:00	[0] Dark Matter from Strong CP: An Alternative View	Dr HALL, Lawrence
09:30	[1] Conversion of dark radiation to photon in early universe and 21cm signal	Dr MOROI, Takeo
10:00	[2] Cosmology and the String Swampland	Dr REECE, Matthew

### Plenary Session - Main Hall (11:00 - 12:00)

-Conveners: Eung Jin Chun

time	[id] title	presenter
11:00	[3] Unification and "invisible" axion	Dr KIM, Jihn E.
11:30	[4] Astrophysical and Cosmological Searches for Axions	Dr MARSH, David

### Plenary Session - Main Hall (14:00 - 15:30)

-Conveners: Jun'ich Yokoyama

time	[id] title	presenter
14:00	[5] Title: Search for Dark Matter at 250 GeV Lepton Colliders	Dr MATSUMOTO, Shigeki
14:30	[6] The status and prospect for neutrino physics	Dr DE GOUVEA, Andre Luiz
15:00	[7] Dark Matter and Structure Formation in the Universe	Dr NAGAMINE, Kentaro

### Plenary Session: Plenary Session - Main Hall (16:00 - 17:00)

-Conveners: Shigeki Matsumoto

time	[id] title	presenter
16:00	[8] The Current Status and Prospects for Direct Dark Matter Searches	Dr COOLEY, Jodi
16:30	[9] Recent PandaX-II results on dark matter search and PandaX-4T upgrade status	Dr ZHOU, Ning

# Tuesday, 28 August 2018

## Plenary Session: Plenary Session - Main Hall (09:00 - 10:30)

time	[id] title	presenter
09:00	[10] Inflationary Correlators from the Boundary	Dr BAUMANN, Daniel
09:30	[11] Inflation as a Particle Collider	Dr WANG, Yi
10:00	[12] Signatures of particle production during inflation	Dr PELOSO, Marco

## Plenary Session: Plenary Session - Main Hall (11:00 - 12:00)

-Conveners: Hang Bae Kim

time	[id] title	presenter
11:00	[14] Non-Gaussian gravitational waves from inflation	Dr KOMATSU, Eiichiro
11:30	[15] Light inflaton completing Higgs inflation	Dr LEE, Hyun Min

# Wednesday, 29 August 2018

## Plenary Session: Plenary Session - Main Hall (09:00 - 10:30)

-Conveners: Marco Peloso

time	[id] title	presenter
09:00	[16] Pixels to physics: the promise and challenges of survey cosmology	Dr PEIRIS, Hiranya
09:30	[17] 21cm cosmology	Dr CHEN, Xuelei
10:00	[25] Cosmological implications of string theory moduli	Dr QUEVEDO, Fernando

## Plenary Session: Plenary Session - Main Hall (11:00 - 12:00)

-Conveners: Arman Shafieloo

time	[id] title	presenter
11:00	[18] Mapping the Dark Universe with Galaxy Surveys	Dr WECHSLER, Risa
11:30	[19] Measuring the Properties of Dark Energy with Galaxy Surveys	Dr ROSS, Ashley

# Thursday, 30 August 2018

## Plenary Session: Plenary Session - Main Hall (09:00 - 10:00)

-Conveners: Sunghoon Jung

time	[id] title	presenter
09:00	[20] Optical Follow-up Observation of the Gravitational Wave Source, GW170817	Dr IM, Myungshin
09:30	[21] Multi-frequency GW astronomy	Dr KIM, Chunglee

## Plenary Session: Plenary Session - Main Hall (10:30 - 11:30)

-Conveners: Ashley Ross

time	[id] title	presenter
10:30	[22] Gravitational-wave astrophysics	Dr VITALE, Salvatore
11:00	[23] Some aspects of Dark Energy models	Dr POLARSKI, David

# Friday, 31 August 2018

## Plenary Session: Plenary Session - Main Hall (09:00 - 10:30)

-Conveners: Jihn E. Kim

time	[id] title	presenter
09:00	[31] Multimessenger Astronomy with Neutrinos at the South Pole: IceCube and Future Observatories in the Ice	Dr HANSON, Kael
09:30	[26] Status and prospect of theories on the origin of matter-antimatter asymmetry in the universe	Dr SERVANT, Geraldine
10:00	[32] Utilities of Gravitational Waves for Probing Dark Matter	Dr JUNG, Sunghoon