

Session Program

18-23 Aug 2019

**25th International Summer Institute on
Phenomenology of Elementary Particle
Physics and Cosmology (SI2019)**

Parallel Session

SANDPINE, Gangneung, Korea
<http://www.lakaisandpine.com/>

Tuesday 20 August

19:00

Parallel Session: [P1-A]

Session | **Location:** Sandpine, Lakai Ballroom, Gangneung 25460, Korea | **Conveners:**
Prof. Wanil Park, Takaaki Nomura

19:00–19:10

Inflaton as a decaying dark matter

Speaker

Yoo-Jin Kang

19:10–19:20

Dark matter coannihilation as a prediction of an origin of families and NLS miracle.

Speaker

Dr Wen Yin

19:20–19:30

Self-heating dark matter in the early Universe

Speaker

Hee Jung Kim

19:30–19:40

Hidden Monopole Dark Matter via Axion Portal and its Implications for Direct Search and Beam-Dump Experiments

Speaker

Mr Shu-Yu Ho

19:40–19:50

Long Lived Particle Search with timing information at the HL-LHC

Speaker

Dong Woo Kang

19:50–20:00

Entropy production from decay of GeV scale right-handed neutrinos and the primordial gravitational wave

Speaker

Hisashi Okui

20:00–20:10

Composite Asymmetric Dark Matter

Speaker

Mr Shin Kobayashi

20:10–20:20

Ultraviolet Completion of a Composite Asymmetric Dark Matter Model with a Dark Photon Portal

Speaker

Dr Takumi Kuwahara

20:20–20:30

New constraint from supernova explosions on light particles beyond the Standard Model

20:30

Speaker
Allan Sung