

Session Program

16-21 Nov 2025



The 13th KIAS Workshop for Particle Physics and Cosmology joint with 2025 CERN-CKC workshop joint with

Morning Session 2

Shilla Stay Haeundae, Ballroom1, Third Floor
<https://m.shillastay.com/haeundae/index.do>

Monday 17 November

11:30

Morning Session 2: Morning Session 2

Session | **Location:** Shilla Stay Haeundae, Ballroom1, Third Floor, <https://m.shillastay.com/haeundae/index.do>

11:30-12:00 **Darkogenesis via Supercooled Phase Transition**

Speaker

Yuichiro Nakai

12:00-12:30 **Minimal Baryogenesis induced Asymmetric Dark Matter**

Speaker

Miguel Escudero Abenza

12:30

Tuesday 18 November

11:30

Morning Session 2

Session | **Location:** Shilla Stay Haeundae, Ballroom1, Third Floor, <https://m.shillastay.com/haeundae/index.do>

11:30-12:00 **The Tolerable Inhomogeneity of the Baryon Asymmetry**

Speaker

Stefan Stelzl

12:00-12:30

Modulations of gravitational waves due to non-static gravitational lenses

Speaker

Dr Xing-Yu Yang

12:30

Wednesday 19 November

11:30

Morning Session 2: Axion

Session | **Location:** Shilla Stay Haeundae, Ballroom1, Third Floor, <https://m.shillastay.com/haeundae/index.do>

11:30–12:00 **Fluctuations and Radiation in Axion String Networks**

Speaker

Dr Heejoo Kim

12:00–12:30 **Catastrophes in axionic domain walls**

Speaker

Oriol Pujolas Boix

12:30

Thursday 20 November

11:30

Morning Session 2: DM

Session | **Location:** Shilla Stay Haeundae, Ballroom1, Third Floor, <https://m.shillastay.com/haeundae/index.do>

11:30-12:00 **Sommerfeld effect and unitarity**

Speaker

Ryosuke Sato

12:00-12:30 **Dark matter spikes as a probes of particle physics**

Speaker

Alejandro Ibarra

12:30