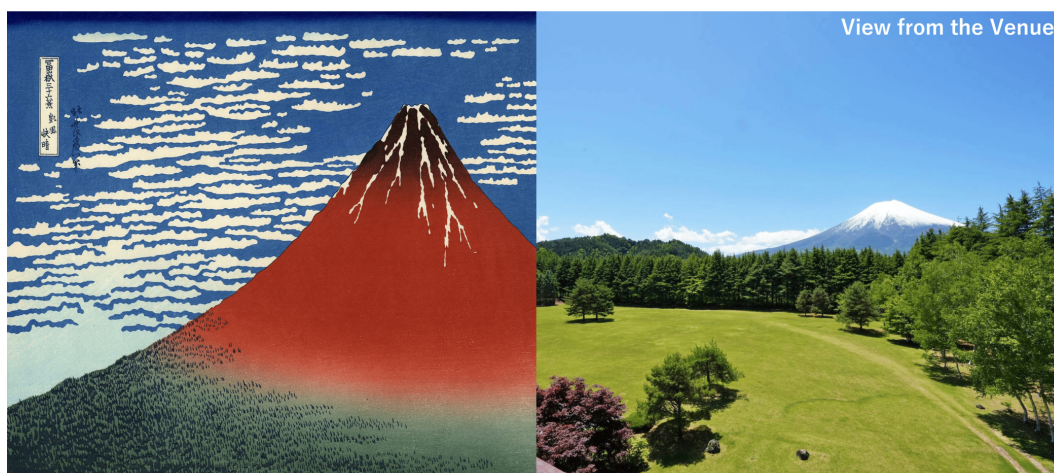


Session Program

7-13 Aug 2026



30th International Summer Institute on Phenomenology of Elementary Particle Physics and Cosmology (SI2026)

Poster Session

Fuji Calm
Araya 5-1-1, Fuji-Yoshida, Yamanashi, Japan

Sunday 9 August

10:55

Poster Session

Session | **Location:** Fuji Calm, Araya 5-1-1, Fuji-Yoshida, Yamanashi, Japan

10:55-12:25	Maximal parameter space of sterile neutrino dark matter with lepton asymmetries Speaker Kensuke Akita
10:55-12:25	Cosmological Constraints on a Scotogenic Model with an Asymmetric Mediator Speaker Seishi Enomoto
10:55-12:25	Uncovering Long-Lived Doubly Charged Scalars Speaker Dr NIVEDITA GHOSH
10:55-12:25	TeV-scale unification of light dark matter and neutrino mass Speaker Mr Shu-Yu Ho
10:55-12:25	Phenomenology of a pNGB Dark Matter from Gauged U(1)_X Symmetry Speaker Junho Kang
10:55-12:25	Belle II excess and dark matter semi-annihilation Speaker Prof. Jongkuk Kim
10:55-12:25	Minimal Majoron Dark Matter Speaker Haruto Kitagawa
10:55-12:25	Probing the trilinear Higgs self-coupling in Higgs boson pair production at multi-TeV muon colliders Speaker Soojin Lee
10:55-12:25	Geometric searches for displaced vertices Speaker Ui Min
10:55-12:25	Neutrino Mass Generation and Dark Matter Phenomenology in a Neutrinophilic Dark Matter Model

Speaker
Coh Miyao

10:55-12:25

Sommerfeld enhancement in an electroweakly interacting spin-1 dark matter model

Speaker
Tomohiro ABE

10:55-12:25

Lepton number violation signals via Higgs/Z decays into a pair of right-handed neutrinos

Speaker
Prof. Takaaki Nomura

10:55-12:25

Beyond the Starobinsky model after ACT

Speaker
Min Gi Park

10:55-12:25

Experimental signatures of dark matter electromagnetic interactions

Speaker
Merlin Reichard

10:55-12:25

CP-violation in charm decays in BSM Models

Speaker
Alice Savona

10:55-12:25

Different Speeds of Light and the Emergence of the Lorentz symmetry

Speaker
Tamon Suehiro

10:55-12:25

A Radiative Neutrino Mass Model with Semi-annihilating Boosted Dark Matter

Speaker
Dr Takashi Toma

10:55-12:25

Fast and accurate AI-powered templates for the cosmological bispectrum

Speaker
Jiayi Wu

10:55-12:25

Forbidden Dark Matter with Sommerfeld Enhancement

Speaker
Takumu Yamanaka

10:55-12:25

Constraining memory-burdened primordial black holes with graviton-photon conversion and binary mergers

Speaker
Yu Min Yeh

10:55-12:25

Completely Natural SO(10) GUT

12:25

13:40

Speaker

Haruto Nakayama

Poster Session

Session | Location: Fuji Calm, Araya 5-1-1, Fuji-Yoshida, Yamanashi, Japan

13:40-15:10

Decaying MeV Scale Dark Matter, Gamma ray decays at e-e+ threshold.

Speaker

Sean Patrick Kemp

13:40-15:10

Anomaly-Free Axion-Like Particles

Speaker

Mr Mohammad Aghaie

13:40-15:10

Analytic Study of Gravitational Waves from Bubble Collisions in a Supercooled First Order Phase Transition

Speaker

Kuan-Yen Chou

13:40-15:10

MeV-Scale Majoron Dark Matter and Future Detection Prospects with COSI

Speaker

Subaru Fujisawa

13:40-15:10

Higgs like inflation in light of ACT data

Speaker

Jeonghak Han

13:40-15:10

A Hodge-like Approach to Gauge Field Mode Expansion and Its Relation to the CSDR Method in Non-Abelian Gauge Theory with an S^2 Extra Dimension

Speaker

Yuki Honda

13:40-15:10

Toward the experimental test of a pseudo-Nambu Goldstone dark matter model

Speaker

Takumi Ishikawa

13:40-15:10

Electromagnetic signatures of axion dark matter halos around primordial black holes

Speaker

Junghoon Joh

13:40-15:10

Spin-discriminating prospects of Higgs portal dark matter at future muon colliders

Speaker

JINHEUNG KIM

13:40-15:10

Resonant Vector Dark Matter in SU(2) Dark Gauge Theories

Speaker

Sanghoon Lee

13:40-15:10

Generalization and UV completion of Cho-Maison monopole

Speaker

Fukutaro Miya

13:40-15:10

Hidden monopoles

Speaker

Wakutaka Nakano

13:40-15:10

Relativistic-like behavior of ALPs with non-relativistic momenta

Speaker

Yuma Narita

13:40-15:10

Aspects of Sommerfeld Enhancement in the light of Halo gamma-ray excess

Speaker

Jeonghwan Park

13:40-15:10

An Analytic Prescription for t-channel Singularities

Speaker

Ryusei Sato

13:40-15:10

Two component pseudo-Nambu-Goldstone-boson dark matter

Speaker

Mr Riasat Sheikh

13:40-15:10

A three-loop radiative seesaw model for dark matter and baryon asymmetry

Speaker

Sora Taniguchi

13:40-15:10

Search for Long-Lived Dark Photons from Dark Radiation at the LHC

Speaker

Dr Van Que Tran

13:40-15:10

Explosive production of Higgs particles and implications for heavy dark matter

Speaker

Dr Masato Yamanaka

15:10