

Short talk presenters**Parallel A****DAY1****Short talks 1****Chair:Shintaro Eijima**

UEDA, Daiki	Nucleon EDM from SMEFT flavor-changing operator
UCHIDA, Yoshiki	Generalization of Higgs Effective Field Theory
YAMASHITA, Kimiko	SMEFT Meets UV Completion with Analyticity and Unitariness

Short talks 2**Chair:Kimiko Yamashita**

DAS, Arindam	Phenomenology of the general U(1) extended Standard Model
ENOMOTO, Kazuki	Probing charged lepton number violation
TSENG, Shih-Yen	Leptogenesis in the minimal gauged $U(1)_{L-\mu} - L_{\tau}$ model

DAY2**Short talks 3****Chair:Takashi Toma**

ABE, Tomohiro	Simple Theory of Chiral Fermion Dark Matter
ABE, Yoshihiko	Pseudo-Nambu-Goldstone dark matter from gauged $U(1)_{B-L}$ symmetry
OMURA, Yuji	Summary of Lepton Portal Dark Matter Models

Short talks 4**Chair:Lorenzo Ubaldi**

TOMA, Takashi	Relativistic treatment of dark thermalization
KIM, Jongkuk	Neutrino Oscillations in Dark Matter
BARRIE, Neil	Big Bounce Baryogenesis

Short talks 5**Chair:Tomohiro Abe**

KUWAHARA, Takumi	Baryon-Dark Matter Coincidence in Mirrored Unification
HO, Shu-Yu	Direct Detection of Hidden Monopole Dark Matter via Axion Portal Coupling

DAY3**Short talks 6****Chair:Yoshihiro Shigekami**

MAN, Ping Kwan	Double field inflation from high energy theory
ODA, Kin-ya	Gravity as local-Lorentz gauge theory: Robustness of Higgs inflation
OKUI, Hisashi	Entropy production by GeV scale right-handed neutrinos and primordial gravitational wave

Short talks 7**Chair:Arindam Das**

YOSHIDA, Takahiro	Modular A_4 invariance and leptogenesis
UCHIDA, Hikaru	CP violation in modular invariant flavor models
TANIMOTO, Morimitsu	Towards unification of quark and lepton flavors in modular invariance

Short talks 8**Chair:Jongkuk Kim**

HIDAKA, Keisho	Imprint of SUSY in radiative B meson decays
JHO, Yongsoo	Search for muon-philic new light gauge boson at Belle II
IGURO, Syuhei	Testing the 2HDM explanation of the muon $g-2$ anomaly at the LHC

Parallel B**Short talks 1****Chair:Masato Yamanaka**

SAHA, Ipsita	Future lepton collider in exploring fermionic Z-portal dark matter
FUJIWARA, Motoko	Maximum value of the spin-independent cross section in the 2HDM+a

Short talks 2**Chair:Daisuke Harada**

SANYAL, Prasenjit	Limits on the Charged Higgs Parameters in the Two Higgs Doublet Model using CMS $\sqrt{s}=13$ TeV Results
NOJIRI, Mihoko	The role of jet geometry in Jet classification
PARK, Jubin	Trilinear Higgs boson self-coupling at the high-luminosity LHC and HL-100 TeV hadron collider via multivariate analysis

Short talks 3**Chair:Ken-ichi Okumura**

TAKADA, Shintaro	Dimensional reduction of magnetized DBI compactification
OTSUKA, Hajime	Modular symmetry in Type IIB flux vacua
HIGAKI, Tetsutaro	Low-scale flavon model with a Z_N flavor symmetry

Short talks 4**Chair:Hiroyuki Ishida**

SHIGEKAMI, Yoshihiro	SUSY threshold corrections to quark and lepton mixing inspired by $SO(10)$ GUT models
OKAWA, Shohei	Electric Dipole Moments From Dark Sectors
KUBOTA, Mitsunori	A new model for electroweak baryogenesis without EDM constraints

Short talks 5**Chair:Ryo Yokokura**

KAN, Naoto	From 3d dualities to hadron physics
HAMADA, Yu	Dynamics of Nambu monopole in two Higgs doublet models
OKUMURA, Ken-ichi	Hide and Seek with Massive Fields in Modulus Mediation

Short talks 6**Chair:Po-Yen Tseng**

AIKO, Masashi	Exploring the global symmetry structure of the Higgs potential via same-sign pair production of charged Higgs bosons
BRAATHEN, Johannes	Two-loop corrections to the Higgs trilinear coupling in models with extended scalar sectors
YAMANAKA, Masato	Selecting $\mu \rightarrow e$ conversion targets to distinguish lepton flavour-changing operators

Short talks 7**Chair:Shohei Okawa**

KOHRl, Kaz	Dark matter / aLIGO events / OGLE events / a seed of SMBHs for primordial black holes in the radiation/matter dominated Universe
TSENG, Po-Yen	Heating Neutron Star with GeV Dark Matter

Short talks 8**Chair:Johannes Braathen**

HASHIMOTO, Michio	Fundamental Composite Higgs Model and Phase Structure
HARADA, Daisuke	Higgs boson pair production in the Composite Higgs Model
YAMADA, Atsuyuki	To be, or not to be finite? The Higgs potential in Gauge-Higgs Unification