

Monday 9 June

14:30

Parallel: Session 1A: Chair S. Su

Session

Location: The University of Osaka, Nambu-Yoichiro Hall, 1-1 Machikaneyama-cho, Toyonaka, Osaka, Japan

14:30-14:45

Advancing probes of the top quark Yukawa coupling with Conditional Neural Networks

Speaker

Adil Jueid

14:45-15:00

Distinguishing \$A \rightarrow HZ\$ and \$H \rightarrow AZ\$ with top-quark spin correlations

Speaker

Panagiotis Stylianou

15:00-15:15 CP-violation in complex-singlet extension of 2HDM

Speaker

Jayita Lahiri

15:15-15:30 The Higgs phenomenology in the dark Z model

Speaker

Kazuki Enomoto

15:30-15:45

Unveiling the CP-odd Higgs boson in a genelarized 2HDM at future colliders

Speaker

Nivedita Ghosh

15:45 16:15

Parallel: Session 2A: Chair P. Ferreira

Session

Location: The University of Osaka, Nambu-Yoichiro Hall, 1-1 Machikaneyama-cho, Toyonaka, Osaka, Japan

16:15-16:30

Non-decoupling Heavy Higgs Bosons as a Probe of Spontaneous CP-Violation

Speaker

Tanmoy Mondal

16:30-16:45

Searching for resonant flavor-changing charged Higgs production at the LHC

Speaker

Mohamed Krab

16:45-17:00 Refining Two-Loop Corrections to Trilinear Higgs Couplings

Speaker

Felix Egle

17:00-17:15

Large BSM One-Loop Triple Higgs Couplings in Di-Higgs Production at e^+e^- Colliders

Speaker

Francisco Arco

17:15-17:30

Loop-induced $H^{\pm}\to W^{\pm}Z$ decays as a probe of the CP violation in the general 2HDM

Speaker

Yushi Mura

17:30

Tuesday 10 June

14:30 Parallel: Session 3A: Chair R. Santos Location: The University of Osaka, Nambu-Yoichiro Hall, 1-1 Machikaneyama-cho, Toyonaka, Osaka, Japan 14:30-14:45 Horizontal three Higgs-doublet model Speaker Dipankar Das 14:45-15:00 Higgs Alignment limit and relaxed flavor constraints in a three-higgs-doublet extension Speaker Ipsita Saha 15:00-15:15 Walking-dilaton hybrid inflation in dynamical scalegenesis Speaker Hiroyuki Ishida 15:15-15:30 Revisiting Higgs physics in context of a light radion Speaker Soumya Sadhukhan 15:30-15:45 Extended Higgs sectors based on SU(2) gauge theories with confinement Speaker Tetsuo Shindou 15:45

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Thursday 12 June

11:30

Parallel: Session 4A: Chair T. Takahashi Location: The University of Osaka, Nambu-Yoichiro Hall, 1-1 Machikaneyama-cho, Toyonaka, Osaka, Japan 11:30-11:45 NANOGrav and other PTA signals and PBH from the modified Higgs inflation Speaker Po-Yen Tseng 11:45-12:00 Probing BSM effects through gravitational wave observations Speaker Katsuya Hashino 12:00-12:15 Primordial Magnetogenesis in the Two-Higgs-doublet Model Speaker Maria Olalla Olea Romacho 12:15-12:30 Unitarity in Einstein-Cartan Higgs Inflation with Quantum Correction Speaker Minxi He 12:30-12:45 Effects of electroweak phase transition on dark matter relic density Speaker Chikako Idegawa 12:45-13:00 Primordial Black Hole catalyzes the First-Order Electroweak Phase Transition and its Parameter Space Speaker Jiang Zhu

13:00

Friday 13 June

11:30

Parallel: Session 5A: T. Robens

Session

Location: The University of Osaka, Nambu-Yoichiro Hall, 1-1 Machikaneyama-cho, Toyonaka, Osaka, Japan

11:30-11:45

Accumulating hints for flavorful Higgs bosons at the electroweak scale

Speaker

Syuhei Iguro

11:45-12:00 Light 2HDM scalars as dark matter mediators

Speaker

Johannes Herms

12:00-12:15

Effective field theory for type II seesaw model —symmetric phase v.s. broken phase—

Speaker

Yoshiki Uchida

12:15-12:30 On the CP Properties of Spin-0 Dark Matter

Speaker

Atri Dey

12:30-12:45

Landscape of the (extended) Georgi Machacek model in the presence of a light scalar

Speaker

Poulami Mondal

12:45-13:00

Unveiling the Unexplored Decay Mode of a Light Charged Higgs Boson to an Off-Shell Top Quark and a Bottom Quark

Speaker

Jinheung Kim

13:00