

1st workshop on Phenomenology for Particle and Anti-Particle 2018 (March 6-9)

Place: Room E002(Graduate School of Science, Hiroshima Univ.)

Schedule March 6 (Tue.) Afternoon

Time(Chair)	Title of Talk	Speaker
13:20-13:50	Registration	
13:55-14:00	Opening	Yusuke Shimizu
14:00-15:00 (Tanimoto)	Dark pion DM: WIMP vs SIMP	Pyungwon Ko Korea Institute for Advanced Study
15:00-15:15	Break	
15:15-16:00 (Tanimoto)	Anisotropy of dark matter velocity distribution	Keiko Nagao National Institute of Technology, Niihama College
16:00-16:30 (Yamanaka)	Research on Quantum Entanglement of the Vacuum of Fields	Kazushige Ueda Hiroshima University
16:30-16:45	Break	
16:45-17:25 (Yamanaka)	Generation of particle number asymmetry in an expanding universe; a novel mechanism	Apriadi Salim Adam Hiroshima University

Schedule March 7 (Wed.)

Time	Title of Talk	Speaker
10:00-11:00 (Shimizu)	Flavor versus mass eigenstates in neutrino asymmetries: implications	Gabriela Barenboim Valencia, IFIC
11:00-11:15	Break	
11:15-12:00 (Shimizu)	Non-Abelian Discrete Groups and Neutrino Flavor Symmetry	Morimitsu Tanimoto Niigata University
12:00-14:00	Lunch	
14:00-14:45 (Nagao)	Searches for pseudo Nambu-Goldstone bosons by stimulated resonant photon- photon scatterings with high-intensity laser fields.	Kensuke Homma Hiroshima University
14:45-15:00	Break	
15:00-15:40 (Nagao)	Relation of CLFV to cosmological observables in the CMSSM coannihilation scenario with the seesaw mechanism	Masato Yamanaka Maskawa Institute Kyoto Sangyo University
15:50-16:30 (Nagao)	Towards the minimal seesaw model for the prediction of neutrino CP violation.	Kenta Takagi Hiroshima University
18:00-19:30	Dinner	Hakuwa

Schedule March 8 (Thu.) Morning

Time	Title of Talk	Speaker
10:00-11:00 (Kimura)	Enhanced axion-photon coupling in GUT with hidden photon	Norimi Yokozaki Tohoku University
11:00-11:15	Break	
11:15-12:00 (Kimura)	Extension of the Standard Model by a gauged lepton flavor symmetry and leptogenesis	Kento Asai University of Tokyo
12:00-12:15 (Kimura)	CPT violation and neutrinos	Gabriela Barenboim Valencia, IFIC
12:15-12:20	Closing	Takuya Morozumi

All Talks include discussion time (5-10 min.)