

KMI school poster presentations (Science South Bldg, 18:30-20:30, Feb. 21)

Presenter	Title
1 Motoko Fujiwara (Nagoya university)	Loop corrections in a pseudoscalar mediator dark matter model
2 Syuhei Iguro (Nagoya university)	$\mathcal{P}(D^{\text{ast}})$ polarization vs. $\mathcal{P}(R_{D^{\text{ast}}})$ anomalies in the leptoquark models
3 Teppei Minoda (Nagoya University)	A novel constraint on the Primordial Magnetic Fields using 21-cm line absorption signal
4 Yeji Park (Yonsei University)	Investigation of inflationary theory in f(Q) gravity
5 Dhong Yeon Cheong (Yonsei University)	Higgs Inflation and the Refined dS Conjecture
6 Kayoung Ban (Yonsei University)	Machine learning with augmentation for boosting di-Higgs searches
7 Yongkyu Kim (Yonsei University)	darkphoton search using B \rightarrow K l l l decay at Belle
8 Sungjin Cho (Yonsei)	Search for ALP through B to K a (a to gamma gamma) Decay
9 Tomohiro Abe (Nagoya University)	Current status of the singlet-doublet dark matter model
10 Satomim Tada (Nagoya University)	Detector for High Ionizing Particle with Spatial Resolution Under Sub-micrometer
11 Hiroki Sakamoto (Hiroshima University)	Automatic calculation program of inflationary parameters
12 Tomohiro Nakamura (Nagoya University)	Chameleon mechanism on gravitational wave in f(R) gravity
13 Yoshiki Uchida (Nagoya University)	Symmetry and geometry in generalized Higgs sector
14 Yasuhiro Hayashi (Nagoya University)	Analysis of Hadron Mass Spectrum from Gauge/Gravity Correspondence
15 Teerthal Patel (Nagoya University)	Resonant magnetic field generation from axions

- 16 Genta Muroyama
(Nagoya University)
Feasibility study of CP violation in $\tau \rightarrow K_S^0 \pi^- \nu_\tau$ decay at the Belle II experiment
- 17 Hiromoto Yoshikawa
(Osaka University)
S-wave resonance analysis in $^{139}\text{La}(n,\gamma)$ reaction for T-violation search using compound nuclear resonance
- 18 Yamato Matsuo
(Hiroshima Univesity)
Inflation, Dark Energy, Dark Matter in logarithmic $F(R)$ gravity
- 19 Takahiro Yoshida
(Niigata university)
Resonant leptogenesis at TeV-scale and neutrinoless double beta decay
- 20 Atsuyuki Yamada
(Nagoya University)
Fermion Dark Matter in Gauge-Higgs Unification [review]
- 21 Hiromoto Masayuki
(Osaka University)
Experimental search for new intermediate-range interactions with small-angle neutron scattering at J-PARC MLF
- 22 Yuya Nakamura
(Nagoya University)
GRAINE 2018 experiment: performance evaluation for gamma-ray telescope utilizing nuclear emulsion
- 23 Ryuta Kobayashi
(Nagoya university)
Developing new high speed scanning machine for Directional Dark Matter Search Project NEWSdm
- 24 Dmitrii Neverov
(Nagoya University)
Search for magnetic monopoles with Belle II experiment
- 25 Kenta Takagi
(Hiroshima University)
Modular S_3 and A_4 symmetry for quark and lepton flavor
- 26 Naoya Kishida
(Osaka City Univercity)
R&D of the Flavor-tag Method based on Machine Learning for High Energy Experiments
- 27 Koki Morikawa
(Osaka City University)
R&D of the Energy Calibration based on Machine Learning for the SiD EM calorimeter
- 28 Masayuki HARADA
(Okayama University)
Development of Geant4 based simulation for Super-K
- 29 Toshiaki Horai
(Okayama Univ.)
Measurement of gamma-rays from neutron-oxygen reaction for neutrino-nucleus interaction
- 30 Kazuki Kojima
(Nagoya University)
Study on the gain variation of the MCP-PMT in the Belle II environment