

KMI 2019 poster presentations (ITbM 1st floor, 18:30-20:30, Feb. 18)

Presenter	Title
1 Syuhei Iguro (Nagoya university)	Test of the $R(D^{(*)})$ anomaly at the LHC
2 Teppei Minoda (Nagoya University)	A novel constraint on the Primordial Magnetic Fields using 21-cm line absorption signal
3 Yuki Shimizu (Nagoya University)	Heavy quark spin multiplet structure of Pc-like pentaquark as hadronic molecular states
4 Toshiyuki Tanaka (Nagoya university, Japan)	21-cm signature around the first stars and the global signal
5 Okudaira Takuya (JAEA, J-PARC Center)	Development of the neutron polarizer for the T-violation search using compound nuclei
6 Tomohiro Abe (Nagoya University)	Current status of the singlet-doublet dark matter model
7 Satomim Tada (Nagoya University)	Detector for High Ionizing Particle experiment Spatial Resolution Under Sub-micrometer
8 Tomohiro Nakamura (Nagoya University)	Chameleon mechanism on gravitational wave in $f(R)$ gravity
9 Daiki Hashimoto (Nagoya University)	Constraint on the Annihilation Cross-section with Fermi Gamma-Ray Sky and HSC Lower Surface Brightness Galaxies
10 Hisashi Okui (Niigata University)	Tomography by neutrino pair beam
11 Yoshiki Uchida (Nagoya University)	Symmetry and geometry in generalized Higgs sector
12 Hiroki Rokujo (Nagoya University)	GRAINE 2018 experiment: high-angular resolution gamma-ray telescope with nuclear emulsion.
13 Teerthal Patel (Nagoya University)	Resonant magnetic field generation from axions
14 Masahiro YAMAMOTO (Department of Applied Physics, Nagoya University)	Search for Dark Matter Axions by the use of Josephson Junctions
15 Haruka Asada (Nagoya university)	Development of the muon tracking trigger based on Thin Gap Chamber for the ATLAS experiment at High-Luminosity LHC

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| 16 | Yuya Nakamura
(Nagoya University) | GRAINE 2018 experiment: performance evaluation for gamma-ray telescope utilizing nuclear emulsion |
| 17 | Naotaka Naganawa
(Nagoya University) | Development of High Spatial Resolution Cold/Ultra-cold Neutron Detector using Fine-grained Nuclear Emulsion |
| 18 | Ryuta Kobayashi
(Nagoya university) | Developing new high speed scanning machine for Directional Dark Matter Search Project NEWSdm |
| 19 | Yun-Long Zhang
(YITP, Kyoto University) | Emergent Dark Universe and the Swampland Criteria |
| 20 | Tomoki Yamamoto
(Nagoya University) | Verification of the compound nuclear model for T-violation search |
| 21 | Atsushi J. Nishizawa
(Nagoya University) | Effect of gravitational lensing on supernova cosmology |
| 22 | Dmitrii Neverov
(Nagoya University) | Search for magnetic monopoles with Belle II experiment |
| 23 | Hayato Inaguma
(Nagoya University) | Mitigation of the radiation effects on the readout electronics of the Thin Gap Chamber for the ATLAS experiment at HL-LHC |
| 24 | Moe Wakida
(Nagoya University) | Projection of inclusive Search for Gluinos and Squarks at the HL-LHC ATLAS experiment |
| 25 | Shota Hayashida
(Nagoya University) | Development of the ATLAS muon trigger system on multi-threaded software framework |
| 26 | Ken OHASHI
(Nagoya Univ.) | MC study for the effect of diffractive events on air shower developments |
| 27 | Masayuki HARADA
(Okayama University) | Development of Geant4 based simulation for Super-K |
| 28 | Toshiaki Horai
(Okayama Univ.) | Measurement of gamma-rays from neutron-oxygen reaction for neutrino-nucleus interaction |
| 29 | Kazutaka Yamaoka
(ISEE, Nagoya U.) | Solar neutron detector for a 3U cubesat |
| 30 | Yuki Sue
(Nagoya University) | A bunch structure measurement of muons accelerated by RFQ using a longitudinal beam-profile monitor with high time-resolution |
| 31 | Yasuyuki Horii
(Nagoya University) | Observation of ttH production at ATLAS |