Session Program

9–11 Nov 2026

KMI2026: The 7th KMI International Symposium

Poster Session

Nagoya University, ES Hall
ES Hall, ES Building, Nagoya University Furo-cho, Chikusa-ku, Nagoya, Aichi, 464-8602, Japan

Monday 9 November

18:00

Poster Session: Poster Session

Poster Session | **Location:** Nagoya University, Sakata Hirata Entrance

Disc-Based Estimation of Local Dark Matter Density and Velocity Distribution

Speaker
Hatsume Chujo

Probing Cosmic Topology Including CMB B-mode Polarization

Speaker
Ryota Himeno

Effects of Primordial Magnetic Fields on Post-Recombination Structure Formation and Thermal Evolution: A Cosmological Simulation Study

Speaker
Akira Ishikawa

Study of hadronic interaction using FASERν test beam data

Speaker
Koharu Manabe

Evaluation of the search sensitivity for non-resonant HH→4b and the impact of b-jet trigger calibration in the ATLAS experiment at the LHC

Speaker
Daisuke Hashimoto

Measurement of the Bunch Structure of RFQ-Accelerated Muons for the J-PARC Muon g−2/EDM Experiment

Speaker
Koki Hirai

Xenoscope: A large-scale demonstrator for the future XLZD liquid xenon observatory

Speaker
Sana Ouahada

Probing helical primordial magnetic fields through curvature perturbations and gravitational waves

Speaker
Kaito Yura

From Campus to Community: Student-Led Outreach Activities of KMISCT

Speaker
Shota Takahashi

Canonical Differential Equations of Bubble Cosmological Correlator Family

Speaker
Yingze Su

Testing radon mitigating surface coatings in Xenoscope

Speaker
Margherita Noia

Development of a Tube Finding Algorithm for the Level-1 Muon Trigger using Drift Tubes in the ATLAS Experiment at HL-LHC

Speaker
Yosuke Kanki

Investigating the T_bc Tetraquark in a Hadronic Molecular Model

Speaker
Shota Ampuku

Domain-wall Dark Energy and Observational Constraints

Speaker
Nobufusa Kobayashi

Charm-tagging working points and search sensitivity: a study using leptoquark searches

Speaker
Ayano Matsushima

K/π Identification Using a Graph Neural Network at the Belle II TOP Counter

Speaker
Kanata Furusawa

Development of the High-speed Automatic Nuclear Emulsion Scanning System HTS-2: Speed-up by Continuous Tomographic Imaging

Speaker
Tsuyoshi Kawahara

Inelastic Dark Matter Searches in XENONnT

Speaker
Marcelo Ismerio M L Oliveira

Deep underground beneath the Gotthard massif: The future BedrettoLab Physics in Switzerland

Speakers
Florian Joerg, Dr Luisa Hoetzsch

Evaluation of the muon trigger board for the ATLAS experiment at the HL-LHC

Speaker
Nariha Yoshida

Constructing the Gravity Sector with Singletons in AdS_3/CFT_2 for General N

Speaker
Leon Miyahara

Spherical Collapse of a Photon Fluid in the Radiation Era

Speaker
Bin-Chian Wu

Performance evaluation of RPC detector for new first-level muon trigger system toward the ATLAS experiment at HL-LHC

Speaker
Takumi Mizuno

Pressure and Temperature dependence of the TGC gas gain with CO2

Speaker
Minato Omiya

Optimization of Signal Regions for the Search for Charged Higgs Bosons Decaying into Vector Bosons in LHC-ATLAS Run 3

Speaker
Yuya Osumi

Stability of Vector Perturbations in Parity-Violating Symmetric Teleparallel Gravity

Speaker
Yamato Yamanaka

Wino Dark Matter Direct Detection Revisited

Speaker
Kiyoto Ogawa

Weak Lensing Mass Estimation of Nearby X-ray Selected Clusters with Color Selected Sources

Speaker
Fuyuko Tanaka

Searches for Long-Lived Particles and Dark-Sector Physics at Belle II: From Heavy Neutral Leptons to Long-Lived Neutralinos and Heavy QCD Axions

Speaker
Dr Minakshi Nayak

The Small-Scale Limit of Cosmological Initial-Condition Reconstruction with PMWD

Speaker
Sirawich Saranakomkoop

Primordial tensor spectra from entanglement between gravitational-wave polarization modes

Speaker
Kauri Ueda

TREED: Exploring the Dark Ages and Cosmic Dawn with a Lunar Low-Frequency Radio Telescope

20:00

Speaker

Dr Shintaro Yoshiura