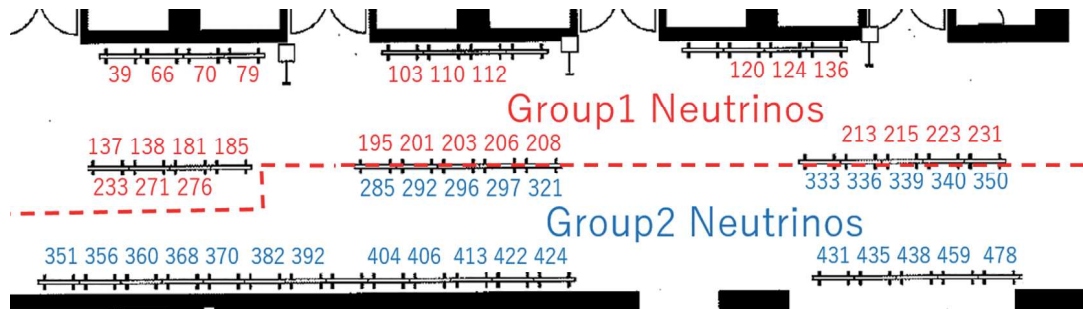


Poster Session

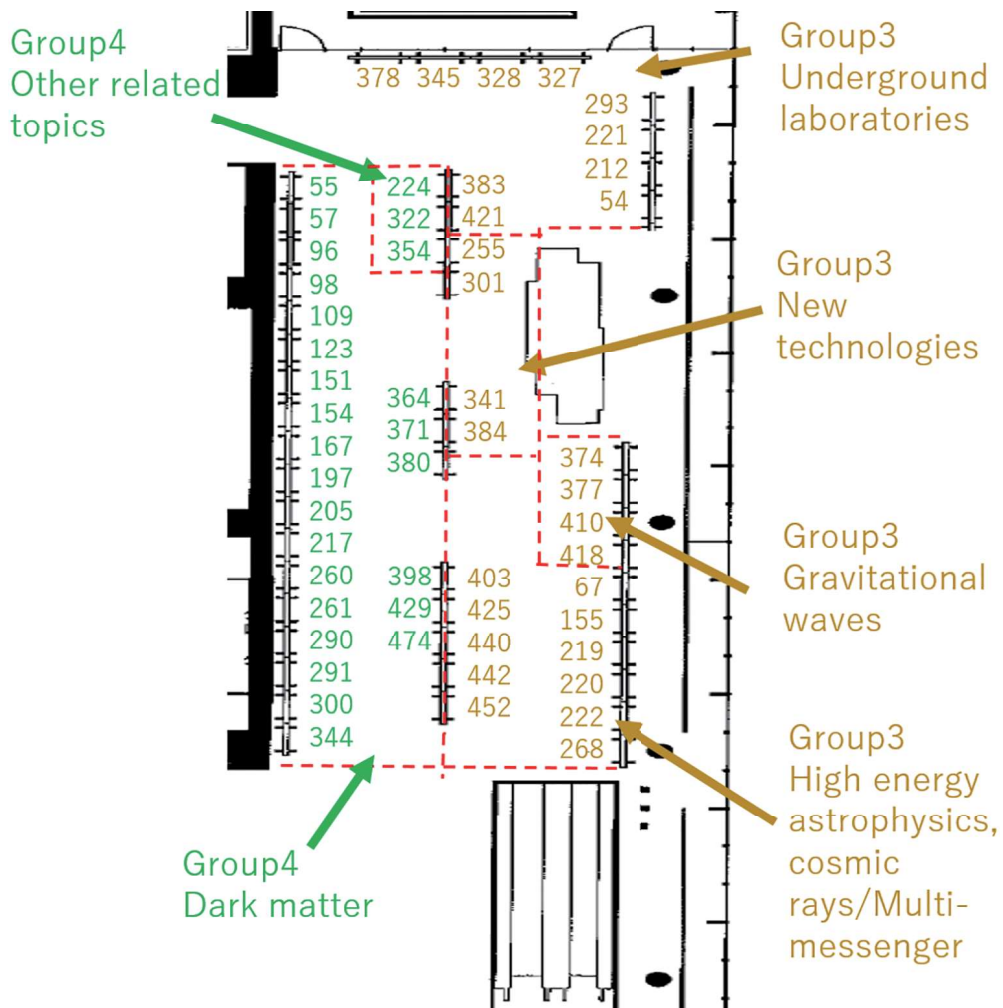
Sep. 10th 18:00~20:00

Poster session areas are shown in the map in page 8

Poster area 1 (The 2nd floor)



Poster area 2 (The 3rd floor)



ID	Title	Presenter	Tracks
Poster session Group 1			
39	Analysis Strategies for the Updated Geoneutrino Measurement with Borexino	Sindhujha KUMARAN	Neutrinos
66	Progress of Veto Detector of JUNO	Peng ZHANG	Neutrinos
70	Study of the radon removal and detection for JUNO	Yongpeng ZHANG	Neutrinos
103	Tested Performance of JUNO 20" PMTs	Haiqiong ZHANG	Neutrinos
110	Taishan Antineutrino Observatory (TAO)	Lianghong WEI	Neutrinos
112	Neutrino evolution and quantum decoherence	Alexander STUDENIKIN	Neutrinos
120	Studies of non-standard neutrino properties with the Borexino detector	Alina VISHNEVA	Neutrinos
124	Background analysis for the SNO+ experiment	Valentina LOZZA	Neutrinos
136	The MicroBooNE Experiment	Supraja BALASUBRAMANIAN	Neutrinos
137	T2K-WAGASCI: MIDAS-based DAQ software and online monitor for the readout of a large number of MPPCs	Giorgio PINTAUDI	Neutrinos
138	Signal Readout Electronics for the LEGEND-200 Experiment	Michael WILLERS	Neutrinos
181	Event reconstruction in KM3NeT/ORCA using Deep Learning techniques	Michael MOSER	Neutrinos
185	Performance of the low energy threshold Optimum Trigger on CUORE data	Antonio BRANCA	Neutrinos
195	Reduction of Cosmic Muon Spallation Background in Liquid Scintillator Detector Using Spherical CNNs	Zhengkao FU	Neutrinos
201	A Glass Study to Reduce Backgrounds of the Hyper-Kamiokande Photodetector	Kodai OKAMOTO	Neutrinos
203	Update of the atmospheric neutrino flux simulation ATMNC for next-generation neutrino experiment	Kazufumi SATO	Neutrinos
206	Low Tc IrPt TES based Light Detectors for CUPID	Bradford WELLIVER	Neutrinos
208	The new CERN low-energy facilities for neutrino detector tests	Johannes BERNHARD	Neutrinos
213	The CROSS experiment: search for $0\nu\beta\beta$ decay with surface sensitive bolometers	Anastasiia ZOLOTAROVA	Neutrinos
215	Status of astrophysical neutrino research in Borexino	Liudmila LUKIANCHENKO	Neutrinos
223	Signal Readout Electronics for the LEGEND-1000 Experiment	Frank EDZARDS	Neutrinos
231	Study of neutrons associated with neutrino and anti-neutrino interactions on water at T2KS	Ryosuke AKUTSU	Neutrinos
233	Simulation study of cosmic-ray muon backgrounds for KamLAND-Zen experiment	Sei IEKI	Neutrinos

ID	Title	Presenter	Tracks
271	Study of a Large CaF ₂ (Eu) Scintillating Bolometer for Neutrinoless Double Beta Decay	Xiaolong LI	Neutrinos
276	Prospects of the detection of the various decay modes of Xe-124	Alexander FIEGUTH	Neutrinos

Poster session Group 2

292	Scintillation balloon for liquid scintillator base Neutrinoless double beta decay search experiments	Shuhei OBARA	Neutrinos
296	Unified atmospheric neutrino passing fractions for large-scale neutrino telescopes	Austin SCHNEIDER	Neutrinos
297	R&D on the gas injection system of Beam Induced Fluorescence Monitor toward MW beam power at the J-PARC Neutrino Beam-line	Atsushi NAKAMURA	Neutrinos
321	Bi-probability plots and PMNS compatibility studies with the T2K experiment	Artur SZTUC	Neutrinos
333	Drift field generation with Cockcroft-Walton voltage multiplier in xenon gas for AXEL $\nu\beta\beta$ search detector	Masashi YOSHIDA	Neutrinos
336	Search for double beta decay of ^{130}Te to the excited states of ^{130}Xe in CUORE	Guido FANTINI	Neutrinos
339	Basic studies of 3-inch PMT for multi-PMT development	Michitaka INOMOTO	Neutrinos
340	Evaluation of position dependent performance of 3-inch PMTs for Multi-PMT development	Nao IZUMI	Neutrinos
350	A Data Acquisition System for the CUORE and CUPID-0 experiments	Laura MARINI	Neutrinos
351	The CUORE cryostat	Irene NUTINI	Neutrinos
356	Proton Decay Search Sensitivity with the Enlarged Fiducial Mass of Super-Kamiokande	Akira TAKENAKA	Neutrinos
360	Development of Timing Synchronization System for Hyper-Kamiokande Electronics	Shota IZUMIYAMA	Neutrinos
368	New ideas for ring formation and reconstruction in water Cherenkov detectors	Lukas BERNS	Neutrinos
370	Inner balloon production for KamLAND-Zen 800	Azusa GANDO	Neutrinos
382	Study on the contributions to the CUORE energy spectra	Valentina DOMPÈ	Neutrinos
392	The laser isotope separation (LIS) methods for the enrichment of ^{48}Ca .	Kohei MATSUOKA	Neutrinos
404	Status of the development of photosensor covers for Hyper-Kamiokande experiment	Jun KAMEDA	Neutrinos
406	Search for proton decay into three charged leptons	Masahiro TANAKA	Neutrinos

ID	Title	Presenter	Tracks
413	Commissioning of T2K-WAGASCI detector complex for first neutrino beam measurement with full setup	Yuki ASADA	Neutrinos
422	Background model for the nEXO neutrinoless double beta decay experiment	John ORRELL	Neutrinos
424	The measurement of gamma rays from neutron-oxygen interactions	Toshiaki HORAI	Neutrinos
431	D-Egg - new optical sensors for the IceCube Upgrade and Gen2 -	Aya ISHIHARA	Neutrinos
435	Classification of Super-Kamiokande atmospheric neutrino events by using neural network	Ryo MATSUMOTO	Neutrinos
438	First KATRIN Tritium Data	Lisa SCHLÜTER	Neutrinos
459	Energy calibration of the SoLid detector	David HENAFF	Neutrinos
478	Sterile neutrino search with KATRIN	Susanne MERTENS	Neutrinos

Poster session Group 3

374	A nonparametric method to evaluate significance of events in search for gravitational waves with false discovery rate	HirotaKa YUZURIHARA	Gravitational waves
377	KAGRA Cryogenic Suspension Control toward the Observation Run 3	Tomohiro YAMADA	Gravitational waves
410	Development of Cryogenic Accelerometer for Vibration Measurement in KAGRA	Rishabh BAJPAI	Gravitational waves
418	Measurement of the sapphire suspension fibers for KAGRA	Takaharu SHISHIDO	Gravitational waves
67	Local shower age and segmented slope parameters of lateral density distributions of cosmic ray shower particles.	Rajat K. DEY	High energy astrophysics, cosmic rays/Multi-messenger
155	The readout system based on the ultra-fast waveform sampler DRS4 for the Large-Sized Telescope of the Cherenkov Telescope Array	Seiya NOZAKI	High energy astrophysics, cosmic rays/Multi-messenger
219	Cygnus X-3 at very high energies	Vera Y. SINITSYNA	High energy astrophysics, cosmic rays/Multi-messenger
220	TeV gamma-rays from the region of Perseus Cluster	Vera G. SINITSYNA	High energy astrophysics, cosmic rays/Multi-messenger
222	Extragalactic Background Light: Constraints from the TeV gamma-ray observations	Sergey S. BORISOV	High energy astrophysics, cosmic rays/Multi-messenger
268	NICHE detector and operations	Yugo OMURA	High energy astrophysics, cosmic rays/Multi-messenger
403	Search for Neutrinos associated with solar flare in Super Kamiokande	Kohei OKAMOTO	High energy astrophysics, cosmic rays/Multi-messenger
425	MC study for TALE Hybrid detector	Keitaro FUJITA	High energy astrophysics, cosmic rays/Multi-messenger

ID	Title	Presenter	Tracks
440	Atmospheric transparency using bistatic-LIDAR for the Telescope Array experiment	Takayuki TOMIDA	High energy astrophysics, cosmic rays/Multi-messenger
442	Study for sensor sensitivity calibration of fluorescence telescope using light source mounted on the UAV	Kengo SANO	High energy astrophysics, cosmic rays/Multi-messenger
452	Numerical Study on Radial Oscillation of Scalar-Gauss-Bonnet Neutron Stars	Alan Tsz-Lok LAM	High energy astrophysics, cosmic rays/Multi-messenger
255	Cryogenic Electronics Development for CUPID	Roger HUANG	New technologies
301	Alpha-ray imaging chamber based on micro-TPC in low radioactive background	Hiroshi ITO	New technologies
341	Characterization of new photo-detectors for the future dark matter experiments with liquid xenon	Kosuke OZAKI	New technologies
384	A multi-PMT Optical Module for the IceCube Upgrade	Summer BLOT	New technologies
54	Radon/Radium measurement from Gd-loaded water	Guillaume PRONOST	Underground laboratories
212	Simulation studies for backgrounds in the AMoRE-II experiment	Hanwook BAE	Underground laboratories
221	The shallow underground laboratory at TUM for rare-event searches	Elizabeth MONDRAGÓN	Underground laboratories
293	Reduction of radioactive impurities from the liquid scintillator by using the Metal Scavenger	Yuto KAMEI	Underground laboratories
327	Delayed coincidence with a day-scale window for tagging ^{232}Th series isotopes in KamLAND	Takahiko HACHIYA	Underground laboratories
328	Development of new trigger system for KamLAND2-Zen	Nanami KAWADA	Underground laboratories
345	Background Characterization of Felsenkeller Underground Laboratory	Marcel GRIEGER	Underground laboratories
378	Improvement of Energy Estimator for KamLAND-Zen 800	Haruhiko MIYAKE	Underground laboratories
383	Geant4 based Simulation Study for Super-Kamiokande	Masayuki HARADA	Underground laboratories
421	Research and development toward KamLAND2-Zen	Rikuo NAKAMURA	Underground laboratories

Poster session Group 4

55	An extensive study of dark matter and neutrino phenomenology in the Triplet + Singlet Scotogenic Model	Ivania MATURANA	Dark matter
57	The electrodes for the XENONnT TPC detector	Carla MACOLINO	Dark matter
96	Preliminary Design of Pulse Digitalization and Readout Electronics for CDEX-10	Jinfu ZHU	Dark matter
98	Discrimination of Dark Matter Mass and Velocity Distribution by Directional Detection	Keiko NAGAO	Dark matter
109	A neutron response measurement of NaI(Tl) scintillator for dark matter search	Kazumi HATA	Dark matter

ID	Title	Presenter	Tracks
123	Annual and diurnal modulations of the angular distribution of the 3-D WIMP velocity observed in an underground laboratory	Chung-Lin SHAN	Dark matter
151	Search for axions using a resonant NMR technique	Nancy AGGARWAL	Dark matter
154	Background Simulations for XENONnT	Diego RAMÍREZ GARCÍA	Dark matter
167	Dark matter signals on laser interferometer	Satoshi TSUCHIDA	Dark matter
197	Optical clocks distributed worldwide to search for SM-DM coupling	Tetsuya IDO	Dark matter
205	Modelling of electromagnetic backgrounds of the CRESST experiment	Valentyna MOKINA	Dark matter
217	The TREX-DM experiment at the Canfranc Underground Laboratory	Susana CEBRIAN	Dark matter
260	Reduction of background from intrinsic radioactive noble gases for DARWIN	Michael MURRA	Dark matter
261	Particle identification capability of Ca(Br, I) ₂ scintillators for low background experiments	Masao YOSHINO	Dark matter
290	Search for charged excitations of dark matter by KamLAND-Zen experiment	Keishi HOSOKAWA	Dark matter
291	Kinetic inductance detectors on fluoride crystal for spin-dependent dark matter search	Koji ISHIDOSHIRO	Dark matter
300	Search for sub-GeV dark matter by annual modulation using XMASS-I detector	Byeongsu YANG	Dark matter
344	First measurements of SABRE NaI(Tl) crystals	Ambra MARIANI	Dark matter
364	Measurement of the scintillation efficiency for low energy nuclear- and electronic-recoils in liquid argon detector for WIMP search	Masato KIMURA	Dark matter
371	Purification of the NaI(Tl) crystal for dark matter search project PICOLON	Yuta KANEMITSU	Dark matter
380	A new method to determine parameters of scintillation light propagation in a detector	Alexander MASON	Dark matter
398	Increasing light collection efficiency of liquid argon detector for low mass WIMP search	Kazutaka AOYAMA	Dark matter
429	Study of luminescence mechanism by neutral bremsstrahlung in gaseous argon.	Tomomasa TAKEDA	Dark matter
474	Optimized Design Considerations of Magnet Design for Use in DM Radio 50 L and Beyond	Alexander LEDER	Dark matter
224	Contribution of shadowing and antishadowing corrections to the QCD evolution of gluon density at small-x	Mayuri DEVEE	Other related topics
322	Development of Low Background Scintillating Crystals at the CUP in Korea	Ra SEJIN	Other related topics
354	Softening of gravitational effect in noncommutative spacetime	Michiyasu NAGASAWA	Other related topics