The 29th International Nuclear Physics Conference (INPC 2025)

Monday, 26 May 2025

Parallel Session: 1 Applications Based on Nuclear Physics - Room 3: 2F #204-205 (14:00 - 16:00)

-Conveners: Ulli Köster

time	[id] title	presenter
14:00	[680] Production of innovative medical radionuclides by mass separation	COCOLIOS, Thomas Elias
14:25	[320] Radiation therapy at TRIUMF: medical applications of nuclear physics	HOEHR, Cornelia
14:50	[529] Positron-Emitting Beams in Hadron Therapy: Insights from Recent Studies at GSI	Dr PURUSHOTHAMAN, Sivaji
15:05	[229] A new charge-reset method for determining Auger-electron emission multiplicities	HEERY, Jacob

Parallel Session: 1 Fundamental Symmetries and Interactions in Nuclei - Room 5: 1F #102 (14:00 - 16:00)

-Conveners: Young-Ho Song

time	[id] title	presenter
14:00	[623] Search for Axion-Like-Particles in η meson decays with the HADES Detector	ZIELINSKI, Marcin
14:15	[178] Highly-Charged Radioactive Molecules: Amplifying Sensitivity for New Physics	SIMPSON, Rane
14:30	[634] The measurement of X17 boson anomaly: the n_TOF channel 3He(n,X17)	MASTINU, pierfrancesco
14:45	[356] GBAR experiment : Classical freefall experiment of antihydrogen at rest in terrestrial gravitational field	KIM, bongho

Parallel Session: 1 Hadrons in Nuclei - Room 11: 1F #108 (14:00 - 16:00)

-Conveners: Kazuo Tsushima

time	[id] title	presenter
14:00	[342] Antimatter in relativistic heavy-ion collisions	QIU, Hao
14:25	[523] Glauber scattering for photo-nuclear reactions of light vector mesons with the Regge amplitude for the subnuclear process	YU, Byung-Geel
14:40	[667] Recent progress and prospects of kaonic nuclear bound states at J-PARC	HASHIMOTO, Tadashi

Parallel Session: 1 Hot and Dense Nuclear Matter - Room 2: 3F Conference Hall #301 (14:00 - 16:00)

-Conveners: Sangyong Jeon

time	[id] title	presenter
14:00	[353] Hyperon local polarization in heavy-ion collisions: experimental highlights	CHEN, Zhenyu
14:25	[534] Deciphering the spatial and spin structures of (anti-)hypertriton in heavy-ion collisions	Mr LIU, Dai-Neng

14:40	[408] Study of f_0(980) resonance production in pp collisions at √s = 13.6 TeV with ALICE	BAE, Yunseul
14:55	[609] Investigating the X(3872) as a $D\bar{D}^*$ Molecular State via Coalescence Model	YUN, HyeongOck

Parallel Session: 1_New Facilities and Instrumentation - Room 1: 2F Grand Ballroom #201-202 (14:00 - 16:00)

-Conveners: Adam Maj

time	[id] title	presenter
14:00	[681] FRIB First Three Years of User Operations and Performance Ramp Up	KIM, Sang-hoon
14:25	[245] Status of the NUSTAR project at GSI/FAIR	PODOLYAK, Zsolt
14:40	[513] Latest developments at GANIL/SPIRAL2	FARGET, Fanny
14:55	[625] Facilities and Research at iThemba LABS	BARK, Robert
15:10	[462] The Isotope Harvesting Program at FRIB	SEVERIN, Gregory

Parallel Session: 1_Nuclear Astrophysics - Room 4: 1F #101 (14:00 - 16:00)

-Conveners: Bao-An Li

time	[id] title	presenter
14:00	[314] Constraining Neutrino-Mass Hierarchy from Supernova Nucleosynthesis	Prof. KAJINO, Taka
14:25	[541] The Exploration of the Indirect Neutron-Capture Constraints of the 87,89Kr(n,□)88,90Kr reactions in the Astrophysical i-process using the □-Oslo Method	UTHAYAKUMAAR, Sivahami
14:40	[260] Constraining i-process nucleosynthesis with quasi-continuum nuclear data	WIEDEKING, Mathis
14:55	[148] First measurement of a weak r-process reaction on a radioactive nucleus.	WILLIANS, Matthew
15:10	[243] Direct measurement of the ^{12}C+^{12}C fusion reaction cross section at stellar energies	Dr TANG, Xiaodong

Parallel Session: 1_Nuclear Reactions (1) - Room 6: 1F #103 (14:00 - 16:00)

-Conveners: Byungsik Hong

time	[id] title	presenter
14:00	[54] Pathways to the synthesis of new elements and evaluation of synthesis probabilities	ARITOMO, Yoshihiro
14:25	[84] Study of fission dynamics using six-dimensional Langevin equation	OKADA, Kazuki
14:40	[68] Fission study using multinucleon transfer reactions	NISHIO, Katsuhisa
14:55	[108] Study of neutron induced fission of 235U and 237Np with FALSTAFF spectrometer at NFS	KATTIKAT MELCOM, Deby Treasa
15:10	[50] Reaction mechanism of evaporation residue for multi-nucleon transfer reaction with heavy nuclei	NAKAJIMA, Kohta
15:25	[51] Important role of relationship between reaction Q-value and Coulomb barrier height in synthesizing new superheavy elements	KAWAI, Kosuke
15:40	[612] Understanding the fission dynamics in ^{12}C+^{193}Ir system	KAUR, Rupinderjeet

Parallel Session: 1_Nuclear Reactions (2) - Room 7: 1F #104 (14:00 - 16:00)

-Conveners: Deuk Soon AHN

time	[id] title	presenter
14:00	[507] Fission studies using complete measurements in inverse kinematics	BENLLIURE, Jose
14:25	[137] Fission processes in heavy and superheavy elements within the dinuclear system model	ROGOV, Ivan
14:40	[492] Dynamical analysis of fission reactions for RI beam production at RAON using the Langevin Method	SONG, Chang-hoon
14:55	[645] Fusion-fission dynamics at higher excitation energies with 16O projectile	ATREYA, Kirti
15:10	[488] Analysis of dynamics around contact regions in fusion reactions	UENO, Masaki
15:25	[538] Fusion of 12C + 28Si at deep sub-barrier energies	ANDREETTA, Giuseppe

Parallel Session: 1_Nuclear Structure (1) - Room 8: 1F #105 (14:00 - 16:00)

-Conveners: Bing Guo

time	[id] title	presenter
14:00	[558] Photo-Nuclear Reaction of Light Nuclear Studied by Proton Scattering	TAMII, Atsushi
14:25	[114] Probing alpha clusters in the ground state of 12C via alpha-knockout reactions	CHEN, Fengyi
14:40	[218] The observation of a candidate for BEC-like state in 14C	WEI, Kang
14:55	[442] Investigation of the σ-bond linear-chain molecular structure in 14C	PU, Weiliang
15:10	[113] Alpha particles as building block of $^{16}\mathrm{O}$ ground state probed by alpha knockout reaction	MIYAGAWA, Taichi
15:25	[194] Experimental Study on Negative-parity Linear-chain Rotational Bands in 16C	CHEN, Ying

Parallel Session: 1_Nuclear Structure (2) - Room 9: 1F #106 (14:00 - 16:00)

-Conveners: Sonia Bacca

time	[id] title	presenter
14:00	[517] Nuclear structure and dynamics in relativistic density functional theory	Prof. ZHAO, Pengwei
14:25	[568] Exotic nuclear properties in deformed relativistic Hartree–Bogoliubov theory in continuum	MUN, Myeong-Hwan
14:40	[654] Exact-exchange relativistic density functional theory for atomic nuclei	Dr ZHAO, Qiang
14:55	[235] Impact of the meson-exchange currents on the magnetic dipole moments in odd near doubly magic nuclei analyzed within nuclear DFT framework	WIBOWO, Herlik
15:10	[564] Functional Renormalization Group Method for Finite Nuclei	KIM, Youngman

Parallel Session: 1_Nuclear Structure (3) - Room 10: 1F #107 (14:00 - 16:00)

-Conveners: Rodney Orford

time	[id] title	presenter
14:00	[448] A novel shell model for highly excited states in heavy, deformed nuclei	Prof. SUN, Yang
14:25	[418] Review of magnetic- and antimagnetic-rotational structures in nuclei	KUMAR, Sushil

14:40	[636] Measurements of octupole collectivity in ^{144}Ba via Coulomb excitation	JONES, BEN
14:55	[638] Isomeric decay of 157-Sm populated via novel fragmentation of 170-Er	BORMANS, Jeroen
15:10	[60] Octupole phonon excitations on the shell model states in medium and heavy nuclei	Prof. YOSHINAGA, Naotaka
15:25	[434] MONUMENT. Study of the properties of ordinary muon capture for neutrinoless double beta decay and more.	BELOV, Viacheslav
15:40	[601] Methods of the data analysis and preliminary results in the MONUMENT experiment	FOMINA, Mariia

Parallel Session: 2 Nuclear Structure (3) - Room 10: 1F #107 (16:25 - 18:30)

-Conveners: Elena Litvinova

time	[id] title	presenter
16:30	[233] The 76Cu conundrum remains unsolved	OLAIZOLA, Bruno
16:55	[37] Investigating the deformation of the intruder isomeric $1/2^+$ state in ^{79}Zn (N=49) via Coulomb excitation	ANGELINI, Filippo
17:10	[236] Status of in-beam γ-ray spectroscopy of neutron-rich scandium isotopes with N = 34 and 36	KIM, Jiseok
17:25	[269] Structure of neutron-rich Ge isotopes in vicinity of the double-magic 78Ni nucleus.	DIDIERJEAN, Francois
17:40	[97] Competing nuclear shapes in exotic nuclei: proton and neutron transition matrix elements in neutron rich Ni isotopes by high resolution spectroscopy	DE ANGELIS, Giacomo

Parallel Session: 2 Hadron Structure and Reactions - Room 5: 1F #102 (16:30 - 18:30)

-Conveners: Homeoyng Choi

time	[id] title	presenter
16:30	[710] Near-threshold photoproduction of J/ψ of a proton with the CLAS12 experiment	CHATAGNON, Pierre
16:55	[403] Generalized Parton distributions of the kaon and pion within the nonlocal chiral quark model	Dr SON, Hyeon-Dong
17:10	[168] Measurement of beam-polarized Deeply Virtual Compton Scattering observables with $e\gamma$ detection @ CLAS12	ALVARADO, Juan Sebastian
17:25	[45] Quark confinement in tetraquark systems	OKA, Makoto

Parallel Session: 2 Hot and Dense Nuclear Matter - Room 2: 3F Conference Hall #301 (16:30 - 18:30)

-Conveners: Nu Xu

time	[id] title	presenter
16:30	[328] Recent results from Beam Energy Scan, looking for a critical point in the QCD phase diagram	ESUMI, ShinIchi
16:55	[240] Anatomy of critical fluctuations in hadronic matter	MARCZENKO, Michał
17:10	[347] Femtoscopy of Strange Baryons in Heavy-ion Collisions at RHIC-STAR	FU, Boyang
17:25	[255] Rapidity Dependence of Proton Higher-Order Cumulants in $\sqrt{s_{NN}}$ = 3.2, 3.5 and 3.9 GeV Au+Au Collisions by STAR	ZHANG, Xin

17:40	[295] Flow measurements of hyper- and light-nuclei in Au+Au collisions at 3.0 GeV at RHIC	HAN, Junyi
17:55	[546] Light nuclei collective flow in Au+Au Collisions from STAR BES-II experiment	HE, Xionghong

Parallel Session: 2_New Facilities and Instrumentation - Room 1: 2F Grand Ballroom #201-202 (16:30 - 18:30)

-Conveners: Hiroyoshi Sakurai

time	[id] title	presenter
16:30	[439] Perspectives for low-energy nuclear-physics experiments at the SPIRAL2-S3 facility	MANEA, Vladimir
16:55	[17] Development of the Laser Systems for the Laser Spectroscopy in Exotic Nuclei Research	Mr GUO, Yangfan
17:10	[34] Commissioning of a collinear resonance ionization laser spectroscopy setup	Mr HU, Hanrui
17:25	[537] In-source laser spectroscopy for nuclear physics investigations at CERN-ISOLDE: Joining forces and new pathways	HEINKE, Reinhard
17:40	[690] Status of the RAON ISOL facility	Dr YIM, Hee-Joong
17:55	[231] PI-LIST at ISOLDE, CERN	JARADAT, Asar AH

Parallel Session: 2_Nuclear Astrophysics - Room 4: 1F #101 (16:30 - 18:30)

-Conveners: Myung-Ki Cheoun

time	[id] title	presenter
16:30	[743] Neutron Star Mergers and Core collapse Supernovae as probes of the Nuclear Equation of State at High Density	MATHEWS, Grant
16:55	[505] Toward solving the quantum kinetic transport of neutrinos in supernovae and neutron star mergers	WU, Meng-Ru
17:20	[427] Deriving Progenitors of Extremely Metal-poor Stars with Nucleosynthesis Yields of Massive Stars	JIANG, Ruizheng
17:35	[405] Uncovering the Origin of Galactic Ancient Accretion Relics	XIE, renjing
17:50	[44] Role of the light mass nuclear reactions to the r-process nucleosynthesis	Dr KIM, Kyungil
18:05	[555] Discovering the most important temperatures of helium burning reactions in pair-instability supernova nucleosynthesis	KAWASHIMO, Hiroki

Parallel Session: 2_Nuclear Reactions (1) - Room 6: 1F #103 (16:30 - 18:30)

-Conveners: Nikolai Antonenko

time	[id] title	presenter
16:30	[565] First Proton Scattering Measurement using ^{40}Ar beam at RAON	KIM, Dahee
16:45	[254] Is Two-Nucleon Removal Reaction a Good Probe to Study np Correlations?	LIU, Hongna
17:00	[346] Charge-changing reaction study via the cross section measurements of 18O on carbon and lead at around 370 MeV/nucleon	LIU, jinrong
17:15	[297] Deformation effects on a double-folding optical potential	PARK, Myunghee

Parallel Session: 2_Nuclear Reactions (2) - Room 7: 1F #104 (16:30 - 18:30)

-Conveners: Caterina Ciampi

time	[id] title	presenter
16:30	[642] Single-Neutron Strength Outside Doubly Magic 132Sn	KAY, Benjamin
16:55	[729] Recent Developments of the MRTOF-MS at RIBF	YAP, Jinn Ming
17:20	[589] Nature of single-particle states in 111Sn explored through (d,p) reaction with ISS	PARK, Joochun (Jason)
17:35	[173] Fast neutron induced reactions on carbon with a diamond detector at LANSCE	KUCHERA, Anthony
17:50	[185] A structure-informed approach to analyzing scattering information	FRASER, Paul

Parallel Session: 2_Nuclear Structure (1) - Room 8: 1F #105 (16:30 - 18:30)

-Conveners: Marc Verriere

time	[id] title	presenter
16:30	[526] NUCLEAR STRUCTURE FOR ELECTROWEAK PROCESSES	BACCA, Sonia
16:55	[355] Recent advances in ab initio calculaitons of electromagnetic observables	MIYAGI, Takayuki
17:20	[338] Exotic Three-Body Decay in Open Quantum Systems	WANG, Simin
17:35	[296] Results in SS-HORSE-NCSM method for multineutron systems	MAZUR, Igor
17:50	[150] Quadrupole dynamics of carbon isotopes and 10Be	LI, He

Parallel Session: 2_Nuclear Structure (2) - Room 9: 1F #106 (16:30 - 18:30)

-Conveners: Alahari Navin

time	[id] title	presenter
16:30	[275] Spectroscopy of rare isotopes with the Active Target Time Projection Chamber	BAZIN, Daniel
16:45	[145] Charged particle spectroscopy with an optical time-projection chamber	PFUTZNER, Marek
17:00	[606] Insights into the structure and decay channels of ^{4}He using NFS neutron beam and ACTAR TPC apparatus.	CHBIHI, Abdelouahad
17:15	[169] Search for gamma decay of near-threshold states in light nuclei	BOTTONI, Simone
17:30	[522] Fragmentation features of Be, B, C nuclei in nuclear track emulsions	ARTEMENKOV, Denis
17:45	[395] Study of the full electric dipole strength of the double halo nucleus 11Li using proton inelastic scattering	LÓPEZ GONZÁLEZ, Jose Manuel
18:00	[524] Study on the shell structure of 11C with alpha scattering by using MATE	ZHANG, Zhichao

Parallel Session: 2_Nuclear Structure (4) - Room 11: 1F #108 (16:30 - 18:30)

-Conveners: Kyo Tsukada

time	[id] title	presenter
16:30	[582] Probing multiple shape coexistence in Cd isotopes using Coulomb excitation	WRZOSEK-LIPSKA, Katarzyna
16:55	[76] Approaching ^{100}Sn: Lifetime Measurements of Low-Lying States in ^{102}Sn	MENGONI, Daniele

17:10	[166] Nuclear deformation in fission fragments studied with novel implementations of Doppler shift lifetime measurement techniques	COLOMBI, Giacomo
17:25	[198] Exploring triaxiality in neutron-rich 112,114Mo isotopes using beta-delayed gamma-ray spectroscopy at RIKEN RIBF	Dr SUMIKAMA, Toshiyuki
17:40	[586] Triaxiality of neutron-rich ruthenium nuclei studied by lifetime measurements	GÖRGEN, Andreas
17:55	[554] TROPIC: A Python Program for Calculating Reduced Transition Probabilities	Dr LEE, Kevin

Parallel Session: 2_Quantum Computing and Artificial Intelligence in Nuclear Physics - Room 3: 2F #204-205 (16:30 - 18:30)

-Conveners: Dean Lee

time	[id] title	presenter
16:30	[251] Parametric Matrix Models	JAMMOOA, Danny
16:45	[493] Quantum thermalization of Quark Gluon Plasma	Prof. YAN, Li CHEN, Shile Prof. SHI, Shuzhe
17:00	[119] Reliable deep learning for nuclear physics: addressing uncertainty quantification and extrapolation	KIM, Chanhee
17:15	[177] A foundation model for TPC data	Prof. KUCHERA, Michelle
17:30	[237] Real-Time Charged Track Reconstruction with AI in CLAS12	GAVALIAN, Gagik

Tuesday, 27 May 2025

Parallel Session: 3_Hadrons in Nuclei - Room 5: 1F #102 (08:30 - 10:30)

-Conveners: Byung-Geel Yu

time	[id] title	presenter
08:30	[738] Hadron structures toward dense matter	HOSAKA, Atsushi
08:55	[288] The phi meson in dense matter from theory and experiment	GUBLER, Philipp
09:20	[360] Hyperon-deuteron momentum correlation function including the effect of the deuteron breakup	KOHNO, Michio
09:35	[424] Identifying the transverse and longitudinal modes of the K^* and K_{1} mesons through their angular dependent decay modes	PARK, In Woo

Parallel Session: 3_Hot and Dense Nuclear Matter - Room 2: 3F Conference Hall #301 (08:30 - 10:30)

-Conveners: Su Houng Lee

time	[id] title	presenter
08:30	[373] Comparisons and Predictions for Collisions of deformed 238U nuclei at $\sqrt{s_{NN}} = 193$ GeV	JEON, Sangyong
08:55	[70] Constraining the nuclear equation of state from terrestrial experiments and neutron star observations using relativistic mean-field models	MIYATSU, Tsuyoshi
09:10	[514] Dynamical core-corona initialization in high-energy nuclear collisions	HIRANO, Tetsufumi
09:35	[224] Probing the Equation of State of Neutron Stars with heavy ion collisions	CHAJECKI, Zbigniew
09:50	[67] Symmetry energy in dilute and dense matter with extended energy density functionals	PAPAKONSTANTINOU, Panagiota

Parallel Session: 3_Neutrinos and Nuclei - Room 3: 2F #204-205 (08:30 - 10:30)

-Conveners: Hyunsu Lee

time	[id] title	presenter
08:30	[16] Double beta decay search of 160-Gd by PIKACHU experiment	OMORI, Takumi
08:45	[324] Study of double beta decay of ^{48} Ca with CANDLES	YOSHIDA, Sei
09:00	[340] Development of Laser Isotope Separation (LIS) of 48Ca for the Study of Neutrinoless Double Beta Decay	RITTIRONG, Anawat
09:15	[485] Neutrinoless double beta decay of hyperons in covariant chiral perturbation theory	Mr ZHAO, Zi-Ying
09:30	[110] Constraints on neutrino wavepackets with the BeEST experiment	LENNARZ, Annika SMOLSKY, Joseph
09:45	[47] The current status report of RENE experiment	MOON, Dong Ho

Parallel Session: 3_New Facilities and Instrumentation - Room 1: 2F Grand Ballroom #201-202 (08:30 - 10:30)

-Conveners: Robert Bark

time	[id] title	presenter
08:30	[306] SCRIT electron-scattering facility for short-lived exotic nuclei	SUDA, Toshimi

08:55	[396] Status of Barrel Imaging Calorimeter in Korea for the Electron-Ion Collider	BOK, Jeongsu
09:10	[410] Production of the prototype Pb/SciFi calorimeter of the Barrel Imaging Calorimeter for the Electron-Ion Collider	PARK, Sangwoo
09:25	[419] Deblurring process on the triple-differential yield and collective flow in heavy-ion collisions	PARK, Jeonghyeok
09:40	[459] Towards nuclear structure studies using trapped antiprotons at AEgIS	PARNEFJORD GUSTAFSSON, Fredrik
09:55	[567] Status of the CAGe germanium detector array at the IBS Center for Underground Physics	LEONARD, Douglas

Parallel Session: 3_Nuclear Astrophysics - Room 4: 1F #101 (08:30 - 10:30)

-Conveners: Iris Dillmann

time	[id] title	presenter
08:30	[591] Impact of newly measured beta-delayed neutron data for nuclei close to 78Ni on light-element nucleosynthesis in neutron star mergers	TAIN, Jose L.
08:45	[181] KISS/KISS-1.5 to explore the origin of heavy elements synthesized by r-process from their nuclear spectroscopy	HIRAYAMA, Yoshikazu
09:00	[220] Experimental study on the γ-emission probability of unbound states in ^{131}Sn for understanding r process	Dr BAE, Sunghan
09:15	[301] Exploring the origin of neutron-capture elements through heavy-element enhanced metal-poor stars	LIN, Yangming

Parallel Session: 3_Nuclear Reactions (1) - Room 6: 1F #103 (08:30 - 10:30)

-Conveners: Yoshihiro Aritomo

time	[id] title	presenter
08:30	[450] Nuclear reactions from the ab initio symmetry-adapted no-core shell-model framework	LAUNEY, Kristina
08:55	[573] A full-microscopic approach for sub-Coulomb-barrier reactions.	KIMURA, Masaaki
09:10	[161] TDRPA Calculations for Mass and Charge Fluctuations and Correlations in 144,154Sm+144,154Sm reactions	Dr SEKIZAWA, Kazuyuki
09:25	[27] A complex scaling method for efficient and accurate scattering emulation in nuclear reactions	LIU, Junzhe
09:40	[629] Pre-compound Emission Modeling for Alpha Induced Reactions via Machine Learning and Bayesian Algorithm	Dr GUPTA, Unnati
09:55	[20] Ternary fission analysis using Skyrme Energy density formalism	Mr SHARMA, Manoj K

Parallel Session: 3_Nuclear Reactions (2) - Room 7: 1F #104 (08:30 - 10:30)

-Conveners: Yung Hee KIM

time	[id] title	presenter
08:30	[727] Heavy-ion induced single and double charge exchange reactions in a multi-channel approach: new results from the NUMEN project	CARBONE, Diana
08:55	[673] Visualizing Interference Effects in Elastic α + 40Ca Scattering Using Fourier Transform	HEO, Kyoungsu

09:10	[610] Measurements of pd elastic and inclusive breakup reactions at 230MeV for the study of elementary process of deuteron knock-out reactions	MAEDA, Yukie
09:25	[350] Further test of applying the envelope method to the optical potential ambiguity problem	Dr HU, Liyuan

Parallel Session: 3 Nuclear Structure (1) - Room 8: 1F #105 (08:30 - 10:30)

-Conveners: Tim Enrico Lellinger

time	[id] title	presenter
08:30	[384] Shell-model calculations for describing shape coexistence of Zr and the neighboring isotopes	YANASE, Kota
08:55	[5] Shape coexistence in 94-96Zr from low energy Coulomb-excitation experiments with the AGATA-SPIDER array.	NANNINI, Adriana
09:10	[53] Two-Phonon Octupole excitation in 96Zr	STRAMACCIONI, Damiano
09:25	[116] Triaxial deformation in neutron-rich Zr and Mo isotopes explored by high-resolution in-beam gamma-ray spectroscopy	Dr MOON, Byul
09:40	[201] Multiple shape coexistence in 100Zr	Dr KALAYDJIEVA, Desislava
09:55	[190] Spectroscopy of shell-model nuclei around A = 90	MALIK, vishal

Parallel Session: 3 Nuclear Structure (2) - Room 9: 1F #106 (08:30 - 10:30)

-Conveners: Sebastian Raeder

time	[id] title	presenter
08:30	[391] Origin of the Low-energy Enhancement in the γ-Strength Function	CHEN, Fang-Qi
08:55	[394] ΔI = 2 Bifurcation as a Characteristic Feature of Scissors Rotational Bands	Dr LV, Cuijuan
09:10	[268] Probing the evolution of transitional structure in 158Er via β-decay of Tm isotope	Dr AVAA, Abraham
09:25	[426] New region of maximum octupole collectivity in the rare-earth nuclei: the case of Gd isotopes	PASCU, Sorin
09:40	[279] High resolution laser spectroscopy for the study of exotic nuclei	Prof. YANG, Xiaofei

Parallel Session: 3 Nuclear Structure (3) - Room 10: 1F #107 (08:30 - 10:30)

-Conveners: Andreas Görgen

time	[id] title	presenter
08:30	[472] Structural evolution of neutron-rich calcium isotopes	LEE, Jenny
08:55	[221] Excited States Lifetime measurements in neutron-rich Ca, Ar isotopes: impact on the shell evolution along N=28 and Z=20	GOTTARDO, Andrea
09:10	[430] Isospin Symmetry: nuclear charge radii and low-ℓ orbits	RECCHIA, Francesco
09:25	[611] Quadrupole collectivity and shape coexistence around ^{60}Ca	WASHIYAMA, Kouhei
09:40	[90] Imaging shapes of atomic nuclei in high-energy nuclear collisions from STAR experiment	ZHANG, Chunjian Prof. ZHANG, Chunjian

Parallel Session: 3 Nuclear Structure (4) - Room 11: 1F #108 (08:30 - 10:30)

-Conveners: Kathrin Wimmer

time	[id] title	presenter
08:30	[655] Improving nuclear Density Functional Theory: different paths	COLÒ, Gianluca
08:55	[127] Constraints on neutron skin thickness and symmetry energy	Dr ARSENYEV, Nikolay
09:10	[639] Systematic Study on Interaction Cross Sections and Neutron Skin Thickness for Ni Isotopes	FUKUTOME, Miki
09:25	[22] Neutron-rich nuclei and neutron skins from chiral low-resolution interactions	ARTHUIS, Pierre
09:40	[343] ab initio effective operator with continuum	XU, Zhi-Cheng
09:55	[482] Does Effective Field Theory Yield Model Independent Predictions in Nuclear Systems?	THOMAS, ANTHONY
10:10	[501] Nuclear Lattice EFT Simulation with Woods-Saxon Potentials	KIM, Myungkuk

Parallel Session: 4_Applications Based on Nuclear Physics - Room 2: 3F Conference Hall #301 (11:00 - 13:00)

-Conveners: Thomas Elias Cocolios

time	[id] title	presenter
11:00	[693] The solid state Physics programme at ISOLDE-CERN: materials for the society	SCHELL, Juliana
11:25	[18] Excitation of Thorium-229 doped in crystals using a pulsed laser toward nuclear clocks	Dr HIRAKI, Takahiro
11:40	[65] The controlling of the Thorium-229 isomer states in CaF$_2$ crystal.	GUAN, Ming

Parallel Session: 4_Fundamental Symmetries and Interactions in Nuclei - Room 5: 1F #102 (11:00 - 13:00)

-Conveners: Sunji KIM

time	[id] title	presenter
11:00	[566] Nuclear Charge Radius Measurement for Neutron-deficient Na Isotopes	WON, Junho
11:15	[107] SALER@FRIB: Status of a New Search for BSM Physics Using Rare Isotopes	MARINO, Andrew
11:30	[622] Precision Measurements of Mixed Mirror Transitions for St. Benedict	ZITE, Regan
11:45	[225] 10C Superallowed Beta Decay Measurement with AGATA: CKM Matrix Unitarity Test	SON, Yonghyun
12:00	[682] Precise determination of the muon magnetic anomaly by the "Muon g-2" experiment at Fermilab	KIM, On

Parallel Session: 4_Hadron Structure and Reactions - Room 11: 1F #108 (11:00 - 13:00)

-Conveners: Sangyong Jeon

time	[id] title	presenter
11:00	[429] Pion photoproduction of nucleon excited states with Hamiltonian effective field theory	LIU, Zhan-Wei
11:25	[725] High-Precision Proton Charge Radius Experiments at Jefferson Lab	XIONG, Weizhi
11:50	[506] H-dibaryon Search near the $\Lambda\Lambda$ and Ξ^-p Thresholds in the ${}^{12}\mathrm{C}(K^-,K^+)$ Reaction	JUNG, Wooseung
12:05	[551] Nucleon-charmonium interactions from lattice QCD	LYU, Yan

12:20	[219] Dbar-N interaction from Lattice QCD at physical point	YAMADA, Wren

Parallel Session: 4 New Facilities and Instrumentation - Room 1: 2F Grand Ballroom #201-202 (11:00 - 13:00)

-Conveners: Taeksu Shin

time	[id] title	presenter
11:00	[557] Streaming-readout data acquisition and processing system developed by SPADI Alliance	OTA, Shinsuke
11:25	[451] Performance evaluation of the prototype beam drift chamber for LAMPS at RAON	Dr KIM, Hyunchul
11:40	[184] Development of a HPGe Detector for Ultra High Rate Spectroscopy and Imaging	SZORNEL, Joanna
11:55	[481] PARIS array – idea, status, first results and outlook	Prof. MAJ, Adam
12:10	[598] Towards next-generation in-beam gamma-ray spectroscopy at the RIBF with HYPATIA	DOORNENBAL, Pieter
12:25	[123] TOGAXSI telescope: dawn of generalized nuclear clustering	UESAKA, Tomohiro

Parallel Session: 4 Nuclear Astrophysics - Room 4: 1F #101 (11:00 - 13:00)

-Conveners: Hye Young Lee

time	[id] title	presenter
11:00	[707] Galactic archaeology through chemo-dynamics of stars	LI, Haining
11:25	[96] The Galactic Aluminum Conundrum in the Light of New Data at Astrophysical Energies	LA COGNATA, Marco
11:40	[172] Constraining a key s-process branching point through the ^{85g}Kr(d,pγ) reaction	CAROLLO, Sara
11:55	[270] The ILIMA@ESR Program at GSI/FAIR - Present and Future	DILLMANN, Iris
12:10	[226] The ^{3}He(n,p)^{3}H reaction cross section measured at Big Bang energies	PIZZONE, Rosario Gianluca

Parallel Session: 4 Nuclear Reactions (1) - Room 6: 1F #103 (11:00 - 13:00)

-Conveners: Toshimi Suda

time	[id] title	presenter
11:00	[74] Level density parameters and fission probabilities along fission paths	ANTONENKO, Nikolai
11:25	[75] New perspectives for cold and hot fusion reactions	ADAMIAN, Gurgen
11:40	[182] Producing Dubnium with a 50Ti beam: A first step towards discovering new elements with the Berkeley Gas-filled Separator and refining the Db and Rf decay properties	Dr LYKIARDOPOULOU, Marilena
11:55	[164] Study of the influence of the projectile nucleus structure on the interacting mechanism in cold fusion reactions	Dr NOVIKOV, Kirill
12:10	[407] Probing fusion inhibition in $^{\mathbf{19}}$F+$^{\mathbf{197}}$Au via measurement of spin distribution	NATH, Subir

Parallel Session: 4 Nuclear Reactions (2) - Room 7: 1F #104 (11:00 - 13:00)

-Conveners: Masaaki Kimura

time	[id] title	presenter
11:00	[112] Investigation of non-fusion reaction products in the ^{51}V + ^{248}Cm → ^{299}119* fusion-evaporation reaction	BRIONNET, pierre
11:15	[125] Production of neutron-rich nuclei in the vicinity of 78Ni: Fragmentation reactions of unstable 81Ga and 82Ge beams	SUN, Xiaohui
11:30	[157] Investigation of ^{51}V+^{159}Tb reaction for estimating optimal reaction energy for new element synthesis	YAMANOUCHI, Yuki
11:45	[292] Study of Total Cross Sections for the Reactions ^{10,11,12}Be+^{28}Si	NAUMENKO, Mikhail
12:05	[332] Nuclear Fragmentation at the Future Electron-Ion Collider	BERTULANI, Carlos
12:30	[64] Fragmentation reaction study on long-lived fission product 137Cs	LIU, Enqiang

Parallel Session: 4 Nuclear Structure (1) - Room 8: 1F #105 (11:00 - 13:00)

-Conveners: Katarzyna Wrzosek-Lipska

time	[id] title	presenter
11:00	[632] Surrogate Reactions at Heavy-Ion Storage Rings	WLOCH, Boguslaw
11:25	[605] Study of cosmic muon induced gamma background for rare decays	TELAGASETTI, Santhosh
11:40	[553] Spectrum-shape method for studying the forbidden beta decay of ^{210}Bi using PbMoO$_4$ cryogenic detectors	KIM, Hyelim
11:55	[293] Global Rare Anomalous Nuclear Decay Experiment (GRANDE): Pioneering the Detection of Rare Nuclear Decays and Exotic Dark Matter	Prof. KIM, Hong Joo
12:10	[413] Searching for the Anomalous Internal Pair Creation in ^{8}Be	GONGORA SERVIN, Benito
12:25	[519] Study of the ^{50}V forbidden beta decay using a multi-channel HPGe detector at the underground laboratory	KIM, Gowoon

Parallel Session: 4 Nuclear Structure (2) - Room 9: 1F #106 (11:00 - 13:00)

-Conveners: Vittorio Somà

time	[id] title	presenter
11:00	[160] QCD-based approach on isospin symmetry breaking energy density functional	Dr NAITO, Tomoya
11:15	[383] Proton-neutron pairing in the fp-shell via the 48Cr(p,3He)46V transfer reaction	JACOB, Hugo
11:30	[325] The beta-decay properties of N=Z nuclei: Role of neutron-proton pairing and the shell model interpretation	CHOUDHARY, Priyanka
11:45	[214] The decay of Tz=-1 fp shell nuclei	RUBIO, Berta
12:00	[230] Superallowed Alpha Decay of 104Te	GRZYWACZ, Robert GRZYWACZ, Robert. K

Parallel Session: 4 Nuclear Structure (3) - Room 10: 1F #107 (11:00 - 13:00)

-Conveners: Youngman Kim

time	[id] title	presenter

11:00	[627] Structure within the N=40 Island of Inversion	CRAWFORD, Heather
11:25	[695] Probing the island of inversion at N=40 through beta-decay of Mn isotopes	Dr VEDIA, Victoria
11:50	[200] High-precision TDRIV g-factor measurement in 22Ne and its implications for the N=20 Island of Inversion	STOYCHEV, Konstantin
12:05	[665] Mixing between single particle and intruder states towards the N=20 island of inversion: lifetimes in 37S	ZAGO, Luca
12:20	[88] β-decay of ^{68}Mn: Probing the N=40 island of inversion	Ms UMASHANKAR, Rashmi
12:35	[77] Spectroscopic study of the unnatural parity levels in 49V	BISOI, ABHIJIT

Thursday, 29 May 2025

Parallel Session: 5_Fundamental Symmetries and Interactions in Nuclei - Room 11: 1F #108 (11:00 - 13:00)

-Conveners: Kyungwon Kim

time	[id] title	presenter
11:00	[466] The Nab experiment: a probe of neutron decay	BROUSSARD, Leah
11:25	[404] A new results of neutron lifetime measurement with cold neutron beam at J-PARC	Prof. MISHIMA, Kenji
11:40	[330] Neutron Beta Decay Measurements with Polarized Neutrons and the Nab Spectrometer	ALARCON, Ricardo
11:55	[640] Advancing Beyond Standard Model Physics with Cryogenic Detectors: The ASGARD Experiment and Novel Applications	HAYEN, Leendert

Parallel Session: 5_Hot and Dense Nuclear Matter - Room 2: 3F Conference Hall #301 (11:00 - 13:00)

-Conveners: Vadim Kolesnikov

time	[id] title	presenter
11:00	[300] Speed of sound exceeding the conformal bound in dense QCD-like theories	ITOU, Etsuko
11:25	[671] The chiral magnetic effect in relativistic heavy ion collisions—an experimental perspective	WANG, Fuqiang
11:50	[742] Recent Highlights from the PHENIX Experiment	SHIMOMURA, maya
12:15	[619] Onset of hydrodynamics in a strongly coupled system based on quantum many-body calculation	SHI, Shuzhe
12:30	[234] Probing fluctuating color fields of QCD matter from spin alignment in relativistic heavy ion collisions	YANG, Di-Lun
12:45	[437] Probing momentum-dependent hydrodynamization in nuclear collisions	MONNAI, Akihiko

Parallel Session: 5_Neutrinos and Nuclei - Room 3: 2F #204-205 (11:00 - 13:00)

-Conveners: Dong Ho Moon

time	[id] title	presenter
11:00	[389] AMoRE-II: Searches for neutrinoless double beta decay from 90 kg of Mo-100 using cryogenic calorimeters	KIM, SeungCheon
11:25	[699] Neutrino-nucleus interactions for oscillation experiments	SOBCZYK, Joanna
11:50	[135] Influence of the Majoron on Primordial Nucleosynthesis	PARK, Tae-Sun
12:05	[6] Neutrino-nucleus reactions on argon and oxygen	Prof. SUZUKI, Toshio

Parallel Session: 5_New Facilities and Instrumentation - Room 1: 2F Grand Ballroom #201-202 (11:00 - 13:00)

-Conveners: In Kwon Yoo

time	[id] title	presenter
11:00	[694] Highlights from INFN-LNL, the Status and the Future plans of the SPES project	Prof. AZAIEZ, Faical

11:25	[414] Recent Progress of KoBRA Beam Commissioning at RAON	KIM, Dong Geon
11:40	[238] SIRIUS (Spectroscopy and Identification of Rare Isotopes Using S3) at GANIL	BAHINI, Armand
11:55	[258] Commissioning and operation of LEAF with high intensity heavy ion beams	YANG, Yao
12:10	[316] Nuclear Photonics at ELI-NP	Dr UR, Calin Alexandru

Parallel Session: 5_Nuclear Astrophysics (1) - Room 4: 1F #101 (11:00 - 13:00)

-Conveners: Grant Mathews

time	[id] title	presenter
11:00	[400] Nuclear Collective Vibrations: from Lab to Stars	NIU, Yifei
11:25	[95] Constraining of Nuclear Matter Equation of States with Rotating Neutron Stars	KWON, Hyukjin
11:40	[552] Early-stage deveploments about studying Ta-180m decay at cryogenic temperature	KIM, Woo Tae
11:55	[286] Hadrons vs quarks: A Bayesian model comparison through neutron star observables in light of nuclear and astrophysics data	Mr GUHA ROY, Debanjan

Parallel Session: 5_Nuclear Astrophysics (2) - Room 5: 1F #102 (11:00 - 13:00)

-Conveners: Weiping Liu

time	[id] title	presenter
11:00	[672] Direct Measurements of Key Reactions in Nuclear Astrophysics	Dr AHN, Sunghoon(Tony)
11:25	[569] Preliminary study of the 19F(p,γ)20Ne at LUNA	SKOWRONSKI, Jakub
11:40	[120] Accelerating sensitivity studies for Type I X-ray burst with deep learning	KIM, Sohyun
11:55	[358] Direct Cross-Section Measurement of the 14O(α,p)17F Reaction Critical for the Type-I X-ray Burst Light Curve	PARK, Chaeyeon

Parallel Session: 5_Nuclear Reactions (1) - Room 6: 1F #103 (11:00 - 13:00)

-Conveners: Nori Aoi

time	[id] title	presenter
11:00	[675] Soft dipole resonances in light neutron-rich and proton-rich nuclei	Prof. MYO, Takayuki
11:25	[249] Population of tetraneutron continuum in reactions of 8He on deuterium	MUZALEVSKII, Ivan
11:40	[545] Experimental studies of the nuclear interactions in few-nucleon systems	SKWIRA-CHALOT, Izabela
11:55	[600] Few-Nucleon Scattering Experiment to Explore Three-Nucleon Forces	Prof. SEKIGUCHI, Kimiko
12:10	[134] Measurement of proton-3He elastic scattering at intermediate energies	WATANABE, Atomu

Parallel Session: 5_Nuclear Reactions (2) - Room 7: 1F #104 (11:00 - 13:00)

-Conveners: Kouichi Hagino

time	[id] title	presenter
11:00	[158] Model-independent measurement of isospin diffusion at Fermi energies with INDRA-FAZIA: towards new quantitative constraints on symmetry energy	CIAMPI, Caterina

11:25	[35] Experimental study of photoactivation in proton-enriched ^{113}In, ^{112}Sn, and ^{114}Sn nuclei and their contributions to the ${\gamma}$-process.	Dr CHEKHOVSKA, Anastasiia
11:40	[327] Progress in development of the γ-ray emission cross-section database for reactions with 14 MeV neutrons	FEDOROV, Nikita
11:55	[313] Experimental signature of entrance channel effect for mass region A □ 200	Mr SHERPA, Phurba
12:10	[599] Measurement of $^{27} {\rm{Al}}(p,\gamma)^{28} {\rm{Si}}$ reactions near 2 MeV	KIM, Young Jun
12:25	[613] Investigating β^+ decay/EC mode in ^{12}C+^{118}Sn reaction residues	Ms PRIYANKA, Priyanka

Parallel Session: 5 Nuclear Structure (1) - Room 8: 1F #105 (11:00 - 13:00)

-Conveners: Heather Crawford

time	[id] title	presenter
11:00	[637] Latest results on gamma spectroscopy with AGATA	BENZONI, Giovanna
11:25	[361] Evidence for the coexistence of chiral doublet bands and stapler band in 81Br	LIU, Chen
11:40	[73] Investigation of the structure of the lowest quadrupole excitations in Ge isotopes	MARDYBAN, Evgenii
11:55	[402] l-forbidden M1 transitions in N=50 isotones	FRAILE, Luis Mario
12:10	[503] Beta decay of selenium isotopes near N=50 shell closure	KIM, Yung Hee

Parallel Session: 5 Nuclear Structure (2) - Room 9: 1F #106 (11:00 - 13:00)

-Conveners: Atsushi Tamii

time	[id] title	presenter
11:00	[621] First laser-spectroscopy measurements across N = 32 in the calcium isotopic chain at the COLLAPS setup at ISOLDE/CERN	LELLINGER, Tim Enrico
11:25	[371] Absolute radii extraction of chlorine and potassium isotopes	HEINES, Michael
11:40	[550] Commissioning of the CLaSsy system at RAON	Ms LIM, Chaeyoung
11:55	[624] Laser spectroscopy of Al and Ni as probes of the transitional regions of deformation at N = 20 and N = 40	REILLY, Jordan
12:10	[657] Charge symmetry breaking effects with ω-ρ^0 mixing	TANIMURA, Yusuke
12:25	[216] A novel laser spectroscopy technique for measuring Mg charge radii in the N=20 island of inversion	MAIER, Franziska Maria

Parallel Session: 5 Nuclear Structure (3) - Room 10: 1F #107 (11:00 - 13:00)

-Conveners: Andrea Jungclaus

time	[id] title	presenter
11:00	[431] Investigation of phenomena arising in medium-mass nuclei at the neutron dripline	REVEL, Aldric
11:25	[46] Carbon and Oxygen isotopes in Nuclear Lattice Effective Field Theory	SONG, Young-Ho

11:40	[380] Reduction of the Z=6 spin-orbit splitting in ^{20}O: Probing the effects of the tensor force.	LOIS FUENTES, Juan
11:55	[267] Nuclear structure beyond the proton dripline	MUKHA, Ivan
12:10	[620] Beta-delayed two-proton spectroscopy at FRIB	JENSEN, Erik
12:25	[199] Quenching of spectroscopic factors extracted from single-particle transfer reactions of unstable nuclei	Mr ZHU, Hongyu

Parallel Session: 6_Applications Based on Nuclear Physics - Room 2: 3F Conference Hall #301 (16:30 - 18:30)

-Conveners: Juliana Schell

time	[id] title	presenter
16:30	[502] Introduction of macroscopic radiation simulation code PHITS	Dr FURUTA, Takuya
16:55	[719] Single atom counting with highest sensitivy via AMS	Mr WALLNER, Anton
17:20	[82] 202gPb Production Cross Section Measurements via In-Beam Spectroscopy	LEE, Yun-Hsuan "Abby"
17:35	[94] Radioisotopes for monitoring the effects of Climate Change on marine Ecosystems: the REMO/ClimOcean project at SPES/LNL RIB facility	DE ANGELIS, Giacomo
17:50	[607] Medical radioisotope production using laser-driven accelerators	BENLLIURE, Jose

Parallel Session: 6_Hadrons in Nuclei - Room 5: 1F #102 (16:30 - 18:30)

-Conveners: Atsushi Hosaka

time	[id] title	presenter
16:30	[287] In-medium mass shift of two-flavored heavy mesons, B_c, B^*_c, B_s, B^*_s, D_s and D^*_s	Prof. TSUSHIMA, Kazuo
16:55	[584] In-medium spectral change of vector mesons explored via dielectron decay at J-PARC	AOKI, Kazuya
17:20	[349] Measurement of Hyper-Hydrogen Lambda-Binding Energy via Decay Pion Spectroscopy	KINO, Ryoko
17:35	[179] Structures and production of Λ40K and Λ48K hypernuclei calculated within multi-configuration space	Prof. UMEYA, Atsushi

Parallel Session: 6_Neutrinos and Nuclei - Room 3: 2F #204-205 (16:30 - 18:30)

-Conveners: SeungCheon Kim

time	[id] title	presenter
16:30	[641] Status of DANSS experiment	SHIRCHENKO, Mark
16:45	[644] Precise measurement of ^{3}H beta decay spectrum and keV-scale sterile neutrino search	KIM, Yong-Hamb
17:00	[170] Latest Results from the BeEST Phase-III	KIM, Inwook

Parallel Session: 6_New Facilities and Instrumentation - Room 1: 2F Grand Ballroom #201-202 (16:30 - 18:30)

-Conveners: Yoomin Oh

time	[id] title	presenter

16:30	[416] Detection Systems and Research Opportunities at KoBRA	Dr LEE, Kwang-Bok
16:45	[411] Development of the prototype AT-TPCs and Sejong TPC-Drum for LAMPS experiment at RAON	HWANG, Seonggeun
17:00	[401] HISTARS: A High-Performance Detector for Nuclear Excited-State Lifetimes at HIE-ISOLDE	FRAILE, Luis Mario

Parallel Session: 6 Nuclear Astrophysics - Room 4: 1F #101 (16:30 - 18:30)

-Conveners: Kyungyuk Chae

time	[id] title	presenter
16:30	[461] Towards a new direct measurement of the 12C+12C process deep underground by LUNA	FERRARO, Federico
16:45	[510] 17O burning rate in star: a revision	GUSTAVINO, carlo
17:00	[376] Impacts of molecular resonances on astronuclear reactions	TANIGUCHI, Yasutaka

Parallel Session: 6 Nuclear Reactions (1) - Room 6: 1F #103 (16:30 - 18:30)

-Conveners: Joochun (Jason) Park

time	[id] title	presenter
16:30	[701] Exploring new features in rare isotopes through direct reactions	Prof. KANUNGO, Rituparna
16:55	[38] Determination of prolate or oblate shape via low-energy α inelastic scattering	Dr WATANABE, Shin
17:10	[111] Preliminary Results of 12C Neutron Elastic Scattering using CoGNAC at the LANSCE White Neutron Source	MENDEZ, Nicholas
17:25	[454] Elastic scattering of 12B + 120Sn reaction	OLORUNFUNMI, Sunday
17:40	[495] Observation of the third 2+ state in 16C via inelastic scattering reactions	CHEN, Jie

Parallel Session: 6 Nuclear Reactions (2) - Room 7: 1F #104 (16:30 - 18:30)

-Conveners: Kimiko Sekiguchi

time	[id] title	presenter
16:30	[532] Deuteron quasi-free scattering reactions: a tool to probe nucleon-nucleon short-range correlations in atomic nuclei	PETRI, Marina
16:55	[61] Measurement of ground-state and isomeric-state ratio in nuclei produced in multinucleon transfer reactions using JAEA Recoil Mass Separator	SUZAKI, Fumi
17:10	[11] Indirect Measurement of 88Y(n,γ) cross-sections by surrogate reaction method	FENG, JING
17:25	[49] A new experiment on the radiative decay of the 12-C Hoyle state with charged□particle spectroscopy	REDIGOLO, Luigi

Parallel Session: 6 Nuclear Structure (1) - Room 8: 1F #105 (16:30 - 18:30)

-Conveners: Fang-Qi Chen

time	[id] title	presenter
16:30	[576] First Identification of Excited States in ^{78}Zr and Implications for Isospin Non-Conserving Forces in Nuclei	RUOTSALAINEN, Panu

16:45	[109] Lifetime Measurements in N=Z 88Ru at FRIB	BENTLEY, Michael
17:00	[93] Evidence against shape coexistence and in favour of triaxiality in 70Se	SMALLCOMBE, James
17:15	[14] In-beam spectroscopy of 94Ag	PEREIRA-LOPEZ, Xesus
17:30	[357] Level lifetime measurement of ^{93}Ru and ^{94}Ru by IDATEN: Seniority symmetry breaking	LEE, Jaehwan
17:45	[417] Seniority nature in 94Pd using fast-timing measurement with IDATEN	JANG, Youngseub
18:00	[266] Seniority in atomic nuclei	VAN ISACKER, Piet

Parallel Session: 6_Nuclear Structure (2) - Room 9: 1F #106 (16:30 - 18:30)

-Conveners: HIROYUKI SAGAWA

time	[id] title	presenter
16:30	[542] Laser spectroscopy of the Heaviest Elements	RAEDER, Sebastian
16:55	[581] Present status and perspective of the SCRIT electron scattering facility	TSUKADA, Kyo
17:20	[180] In-gas-jet laser spectroscopy of the heaviest elements	CHHETRI, Premaditya
17:35	[217] Quadrupole moments of neutron-deficient gold isotopes: investigating nuclear deformation	LIU, Yinshen
17:50	[242] Nuclear radii in deformed relativistic Hartree-Bogoliubov theory in continuum	PAN, Cong

Parallel Session: 6_Nuclear Structure (3) - Room 10: 1F #107 (16:30 - 18:30)

-Conveners: Faical Azaiez

time	[id] title	presenter
16:30	[453] Recent advancements in the strongly coupled many-body theory for nuclear spectral computation	LITVINOVA, Elena
16:55	[326] Quest for Nuclear Properties Beyond 132Sn Towards A=140	LOZEVA, Radomira
17:10	[56] In-beam gamma-ray spectroscopy of 136Te within the HiCARI project	ACOSTA LOZA, Jaime
17:25	[174] The first measurement of the 0^+_3 lifetime in ^{120}Sn using thermal neutron capture	WU, Frank (Tongan)
17:40	[415] Isospin-Symmetric Island of Inversion	HA, Jeongsu

Parallel Session: 6_Nuclear Structure (4) - Room 11: 1F #108 (16:30 - 18:30)

-Conveners: Aldric Revel

time	[id] title	presenter
16:30	[381] Insights into the nuclear structure and reaction dynamics of nuclear excitations	TSONEVA, Nadia
16:55	[684] Nuclear collective excitation based on the finite-amplitude method for QRPA	HINOHARA, Nobuo
17:20	[176] Exploring exotic dipole excitations into pygmy and toroidal modes	IN, Eun Jin
17:35	[208] Pygmy Dipole Resonance and its evolution in the Sn mass region studied with the Oslo method	MARKOVA, Maria
17:50	[152] Toroidal dipole mode in nuclei: recent results	NESTERENKO, Valentin

Friday, 30 May 2025

Parallel Session: 7_Fundamental Symmetries and Interactions in Nuclei - Room 5: 1F #102 (08:30 - 10:30)

-Conveners: Ricardo Alarcon

time	[id] title	presenter
08:30	[490] Search for new physics beyond the Standard Model with precision measurements in nuclear beta decays	LIÉNARD, Etienne
08:55	[468] Isospin breaking in isospin-hindered 47K beta decay: enhanced sensitivity to time-reversal	BEHR, John
09:10	[228] Probing the structure of the weak interactions	ZAKOUCKY, Dalibor
09:25	[281] Improved Search for Tensor Interactions in Nuclear Beta Decay	FLÉCHARD, Xavier
09:40	[39] MORA (Matter's Origin from Radioactivity) first results	MOTILLA MARTINEZ, Luis Miguel

Parallel Session: 7_Hot and Dense Nuclear Matter - Room 1: 2F Grand Ballroom #201-202 (08:30 - 10:30)

-Conveners: Zhenyu Chen

time	[id] title	presenter
08:30	[445] Probing the initial and final states of heavy ion collisions with open heavy flavor at CMS	LEE, Soohwan
08:55	[259] Heavy quark mass and potential in quark-gluon plasma	SONG, Taesoo
09:10	[660] New high-precision measurement of the nuclear modification of prompt and nonprompt charmonia at unprecedently high (p_{T}) in PbPb collisions with CMS	BAK, Gyeonghwan
09:25	[469] Heavy quark suppression and anisotropic flow at intermediate momentum	HONG, Juhee
09:40	[72] Towards optimally sensitive heavy quarkonium observables in heavy-ion collisions	ROTHKOPF, Alexander
09:55	[302] Investigation of charm and beauty quark hadronisation through charm hadron measurements with ALICE	CHO, Jaeyoon

Parallel Session: 7_Nuclear Astrophysics - Room 4: 1F #101 (08:30 - 10:30)

-Conveners: Dahee Kim

time	[id] title	presenter
08:30	[406] Plasma Environment for Thermal Nuclear Reactions in Nucleosynthesis	CHEOUN, Myung-Ki Prof. CHEOUN, Myung-Ki
08:55	[491] Systematic Investigations of Scandium and Vanadium in Galactic Chemical Evolution	CHOI, Soonchul
09:10	[331] Mystery of decay acceleration of nuclear cosmochronometer 176Lu	Dr HAYAKAWA, Takehito
09:35	[9] High-precision nuclear chronometer for the cosmos	WU, Xin-Hui

Parallel Session: 7_Nuclear Reactions - Room 7: 1F #104 (08:30 - 10:30)

-Conveners: Marina Petri

time	[id] title	presenter

08:30	[691] Extract the n-n interaction strength and the space-time size of neutron emission using femtoscopic method	XIAO, Zhigang
08:55	[276] Directed and elliptic flow parameters in 129,124Xe + 124,112Sn collisions at 100 MeV/u and 58,64Ni + 58,64Ni at 52 MeV/u	NAM, Seon Ho
09:10	[55] Symmetry energy and isoscaling property of fragments emitted in ^{14}N, ^{20}Ne + ^{112,116,124}Sn at 18-30MeV/nucleon	KUNDU, Samir
09:25	[444] Heavy Ion Collision Simulation using the Quark Meson Coupling Model	KIM, Dae Ik
09:40	[688] Hints of the momentum-dependent nucleon effective mass splitting via heavy ion collisions	ZHANG, Yingxun

Parallel Session: 7_Nuclear Structure (1) - Room 8: 1F #105 (08:30 - 10:30)

-Conveners: Giovanna Benzoni

time	[id] title	presenter
08:30	[305] Revealing the nature of yrast states in neutron-rich polonium isotopes	LICA, Razvan
08:55	[494] Progress on Decay and Resonance Laser Ionisation Spectroscopy of Neutron Rich Polonium at ISOLDE	SHAW, Jack
09:10	[21] Axial quadrupole and octupole dynamics in even-even and odd mass nuclei	BUDACA, Radu
09:25	[597] Investigation of Alpha Formation Based on the Configuration Interaction Shell Model	YUAN, Cenxi
09:40	[146] Lifetime measurements of low-energy octupole states in radium-224	WHITE, Dylan
09:55	[197] Fission isomer studies at IGISOL and FRS	ZHAO, J.
10:10	[131] Structure of heavy actinides in the ^{252}Fm region: recent results and future perspectives.	Dr ORLANDI, Riccardo

Parallel Session: 7_Nuclear Structure (2) - Room 9: 1F #106 (08:30 - 10:30)

-Conveners: Seonho Choi

time	[id] title	presenter
08:30	[697] The 36S(p,d)35S reaction: new results from an old tool	NEVELING, Retief
08:55	[215] Investigating the sd-shell structure of 16,17C via (d, p) transfer reactions	XIA, Bolong
09:10	[58] Probing exotic cross-shell interactions at N=28 with single-neutron transfer on 47K	PAXMAN, Charlie
09:25	[463] Investigations near N=20 using nucleon transfer reactions with HELIOS and SOLARIS	WATWOOD, Nate
09:40	[291] Recent results of experiment IS690: Exploring the excited structure of 11Li through (t,p) reactions at CERN-ISOLDE	FERNÁNDEZ RUIZ, Daniel
09:55	[303] Study of the resonance region of 11B using the 10B(d,p)11B reaction	KUCHERA, Anthony
10:10	[171] Gamma-Ray Angular Distribution and Linear Polarization Measurements with GRETINA and the Structure of 25Ne	LONGFELLOW, Brenden

Parallel Session: 7_Nuclear Structure (3) - Room 10: 1F #107 (08:30 - 10:30)

-Conveners: Vandana Nanal

time	[id] title	presenter

08:30	[698] Scalable approaches to the ab initio description of nuclei	SOMÀ, Vittorio
08:55	[196] Multi-neutron correlations around the neutron drip line	Prof. YANG, Zaihong
09:10	[289] Experimental study of neutron-rich 7He and its 3n decay	HUANG, Siwei
09:25	[535] Beta-delayed neutron emission from 8He	NIELSEN, Jeppe Schultz
09:40	[318] Elucidating the isospin mixing of the 8Be 2+ doublet populated via 8B beta-decay	Prof. G. BORGE, Maria J
09:55	[474] Revealing the structures of extremely neutron-rich Helium-9 and Helium-10	SUN, Yelei
10:10	[578] Two-neutron halo structure of ^{14}Be studied by its Coulomb breakup	OHSAWA, Yuma

Parallel Session: 7_Nuclear Structure (4) - Room 11: 1F #108 (08:30 - 10:30)

-Conveners: Nadia Tsoneva Larionova

time	[id] title	presenter
08:30	[585] New directions for nuclear spectroscopy at the Australian Heavy Ion Accelerator Facility	Dr MITCHELL, AJ
08:55	[588] New perspectives for studying nuclear collective states and exotic shapes with the EAGLE gamma spectrometer and the upgraded Recoil Filter Detector at HIL UW	MATEJSKA-MINDA, Magdalena
09:10	[13] LISA: LIfetime measurements with Solid Active targets	WIMMER, Kathrin
09:25	[352] The Connection Between the □ decay of 92Rb, the Reactor Antineutrino Anomaly, and the Pygmy Dipole Resonance	ANDREOIU, Corina
09:40	[348] Observation of multi-phonon gamma vibrations in odd-odd nucleus	WANG, Enhong
09:55	[24] Investigation of excited states in As-76 of interest for double-beta decay	Mr DOMENICHETTI, Lorenzo

Parallel Session: 7_Quantum Computing and Artificial Intelligence in Nuclear Physics - Room 6: 1F #103 (08:30 - 10:30)

-Conveners: Michael Smith

time	[id] title	presenter
08:30	[486] Deep learning for exploring hadron-hadron interactions	WANG, Lingxiao
08:55	[390] Adiabatic Perturbation Theory	CARIELLO, Nicholas
09:10	[59] Progress in Machine Learning and Quantum Computing for Nuclear Physics Problems	PEI, Junchen
09:25	[175] Simulating Non-Hermitian Nuclear Systems on Quantum Computers	SINGH, Ashutosh
09:40	[334] Application of Machine Learning-Based Enhanced Fault Detection and Predictive Maintenance for Nuclear Reactor Cooling Efficiency	Mr SONAIMUTHU, SRI KARNESWARAN
09:55	[351] Machine Learning for the Automated Analysis of Data from Large-Scale Gamma-Ray Spectrometers	BUCK, Samantha

Parallel Session: 8_Hadron Structure and Reactions - Room 11: 1F #108 (11:00 - 13:00)

-Conveners: Marc Vanderhaeghen

time	[id] title	presenter
11:00	[723] Deeply Virtual Compton Scattering with CLAS12 at Jefferson Lab	HOBART, Adam

11:25	[335] Measurement of the finite transverse single spin asymmetry for very forward neutral pion production in diffractive and non-diffractive processes	LEE, Seunghwan
11:40	[483] Hard exclusive reactions with baryon number transfer: status and perspectives	SEMENOV-TYAN-SHANSKIY, Kirill
11:55	[653] Nucleon axial form factor from lattice QCD	PARK, Sungwoo
12:10	[307] Consistency of the pion form factor and unpolarized transverse momentum dependent parton distributions beyond leading twist in the light-front quark model	CHOI, Homeoyng
12:25	[57] Accessing the internal structure of exotic resonances	KIM, Junlee

Parallel Session: 8_Hot and Dense Nuclear Matter - Room 5: 1F #102 (11:00 - 13:00)

-Conveners: Fuqiang Wang

time	[id] title	presenter
11:00	[308] Heavy flavor under extreme conditions	ZHUANG, Pengfei
11:25	[608] Lattice calculation of the pairing gap of a unitary fermi gas	LEE, Jong-Wan
11:40	[339] The spectral reconstruction problem for thermal dilepton and photon production rates from lattice QCD	FRANCIS, Anthony
11:55	[670] Extracting the transport coefficients of the QGP with Bayesian inference utilising the latest RHIC and LHC data	VIRTA, Maxim
12:10	[473] Energy dependence of transverse momentum fluctuations in Au–Au collisions from a multiphase transport model	ZHANG, Liuyao
12:25	[521] Charged-Particle Jet and Jet Quenching Measurement in pp Collisions at $\sqrt{s}$ = 13.6 TeV during LHC Run 3 with ALICE	BAE, Joonsuk

Parallel Session: 8_New Facilities and Instrumentation - Room 1: 2F Grand Ballroom #201-202 (11:00 - 13:00)

-Conveners: Seonho Choi

time	[id] title	presenter
11:00	[85] Future Prospects of the J-PARC Hadron Experimental Facility	SAKUMA, FUMINORI
11:25	[100] Study of Heavy Ion Beam Acceleration at J-PARC	Prof. TANAKA, KAZUHIRO
11:40	[206] Exploring high-density matter at J-PARC Heavy-Ion Project (J-PARC-HI)	Dr SAKO, Hiroyuki
11:55	[252] Activities from the Korea ALICE group for the development and production of the next generation of silicon tracker	LIM, Sanghoon
12:10	[263] Overview of ALICE Inner Tracking System: Current Performance and Future Upgrade	KIM, Jiyoung

Parallel Session: 8_Nuclear Astrophysics - Room 4: 1F #101 (11:00 - 13:00)

-Conveners: Taka Kajino

time	[id] title	presenter
11:00	[499] Fine-Features of Nuclear Equation of State from Bayesian Analyses of Future Neutron Star Radius Measurements to 0.1 km Accuracy	LI, Bao-An
11:15	[89] Photonuclear Reactions by Photon Vortex with Bessel Waves in Astronomical System	MARUYAMA, Tomoyuki

11:30	[122] Vortex Creep Heating in Neutron Star Cooling: New Insights into Thermal Evolution of Heavy Neutron Stars	NAM, YOONHAK
11:45	[136] Microscopic Investigation of Proton Fluxtubes and Neutron Quantum Vortices in the Neutron Star Core and its Implication to the Pulsar Glitch Phenomenon	HATTORI, Tatsuhiro
12:00	[256] NucleiML : A machine learning tool for finite nuclei properties	BANIK, Sarmistha

Parallel Session: 8_Nuclear Reactions (1) - Room 6: 1F #103 (11:00 - 13:00)

-Conveners: Benjamin Kay

time	[id] title	presenter
11:00	[509] Pygmy Dipole Resonances within a semiclassical coupled channel model	LANZA, Edoardo G.
11:25	[592] Strong nuclear collectivity in the drip-line nucleus ^{11}Li	STUHL, Laszlo
11:40	[86] Role of higher-order collective excitations on the barrier distribution in back-angle quasi-elastic scattering of massive systems	Prof. WEN, P.W.
11:55	[658] Study of low-lying E1 excited states of ^{208}Pb via the (p,p'γ) reaction	KOBAYASHI, Nobuyuki
12:10	[587] ISGMR Measurement of Kr isotopes using Active Target CAT-M	ENDO, Fumitaka

Parallel Session: 8_Nuclear Reactions (2) - Room 7: 1F #104 (11:00 - 13:00)

-Conveners: Jose Benlliure

time	[id] title	presenter
11:00	[504] Emergence of α-cluster correlations probed by α-knockout reactions in Ca isotopes	TANAKA, Junki
11:15	[213] Searching deuteron clusters in mid-heavy nuclei via $^{40, 42, 44, 48}$Ca(p,pd) knockout reaction	LEE, CheongSoo
11:30	[212] Experimental evidences of the BEC-like states in light nuclei	YE, Yanlin
11:45	[159] Search for a nuclear Josephson effect in 60Ni+116Sn sub-barrier transfer reactions with the PRISMA+AGATA set-up	ANDREETTA, Giuseppe
12:00	[436] Extraction of ground state deformation parameters of ^{154}Sm via fusion barrier distribution	Dr NATH, Subir
12:15	[497] Model bias and parameter optimisation with the example of INCL/ABLA	HIRTZ, jason

Parallel Session: 8_Nuclear Structure (1) - Room 8: 1F #105 (11:00 - 13:00)

-Conveners: Hiroshi Watanabe

time	[id] title	presenter
11:00	[678] Manifestation of the Berry phase in the atomic nucleus ^{213}Pb	VALIENTE DOBON, Jose Javier
11:25	[290] Decay spectroscopy of a high-spin long-lived isomer in 187Ta using KISS facility	CHEN, Jiulong
11:40	[549] Evolution of High-spin Structure in Neutron-rich Au Isotopes near N=126 Shell Closure	CHO, Youngju
11:55	[368] Nuclear spectroscopy of neutron-rich Ta, W, Re at KISS	MUKAI, Momo

12:10	[536] Shape-coexistence near the neutron mid-shell nucleus Pb-190 studied in in-beam experiments	OJALA, Joonas

Parallel Session: 8_Nuclear Structure (2) - Room 9: 1F #106 (11:00 - 13:00)

-Conveners: Kota Yanase

time	[id] title	presenter
11:00	[191] Unravelling the layers of future element discovery with SHREC	ORFORD, Rodney
11:25	[440] First Fully Microscopic Description of Fission with Three Collective Dimensions	VERRIERE, Marc
11:50	[425] How far does the area of superheavy nuclei extend? -Limit of existence of nuclei estimated from decay modes from a mass formula-	KOURA, Hiroyuki
12:05	[99] The spontaneous fission of heavy nuclei. Open questions	ISAEV, Andrey
12:20	[156] Low-energy spectra of nobelium isotopes	MARDYBAN, Mariia

Parallel Session: 8_Nuclear Structure (3) - Room 10: 1F #107 (11:00 - 13:00)

-Conveners: Takayuki Miyagi

time	[id] title	presenter
11:00	[341] Investigating Nuclear Structure using MR-ToF devices at CERN	NIES, Lukas
11:25	[12] Present status on high-precision atomic mass measurements using MRTOF-MS at RIBF	ROSENBUSCH, M.
11:40	[118] High-precision direct mass measurement of trans-uranium isotopes using the MRTOF systems at RIKEN/KEK	Dr NIWASE, Toshitaka
11:55	[364] Decay-correlated mass spectrometry	SCHURY, Peter
12:10	[435] Accessing the immediate vicinity of tin-100 with a hot cavity laser ion source	REPONEN, Mikael
12:25	[484] Mass measurements of short-lived nuclides using Brho-defined IMS at CSRe	WANG, Meng
12:40	[543] Pushing the boundaries at FRIB: High-Precision Mass Measurements Near The Proton Dripline	MAIER, Franziska Maria

Parallel Session: 8_Outreach and Science Education - Room 3: 2F #204-205 (11:00 - 13:00)

-Conveners: Hyunju Lee

time	[id] title	presenter
11:00	[317] Training the Future Workforce in Nuclear Science: Challenges and Opportunities	Prof. HE, Xiaochun
11:25	[726] Outreach and Science Education in the European Physics Community	FANTONI, Alessandra
11:50	[706] IPPOG : The International Particle Physics Outreach Group - Engaging the world with science	Dr HATZIFOTIADOU, Despina
12:15	[711] High School Students' Interest in Particle Physics	LEE, Su-Kyeong
12:40	[616] Cross Pollination of Artistic Ideas To Enhance Engagement At Grass Root Level	DAVE, Kinjal