20th International Conference on Electromagnetic Isotope Separators and Related Topics (EMISXX)

Tuesday, 21 October 2025

Poster Session - MacDonald Foyer (18:00 - 20:25)

time	[id] title	presenter
18:40	[5] The TRIUMF Fast Ion Counter for Reaction Studies with Radioactive Ion Beams	HACKMAN, Greg
18:41	[12] SARONA – The SARaf exotic Nuclide fAcility	DICKEL, Timo
18:42	[14] Beamline and target design of the future TATTOOS radionuclides facility at PSI	Dr REGGIANI, Davide
18:43	[17] Is self-sputtering worth considering for isotope implantations?	Prof. COCOLIOS, Thomas Elias
18:44	[18] Beam optics and FEA simulations of the CANREB beamline at TRIUMF	HARTMANN, Marco
18:45	[24] High-Resolution (d,p) Reaction Spectroscopy at Near-Zero Degrees for Probing Nuclear Giants	NAKANISHI, Yuki
18:46	[25] Toward the Creation and Detection of Molecular Beams at CANREB	JOSEPH, Devon
18:47	[26] Trapezoidal Silicon Detectors for Inverse Kinematics Cluster Knockout Reactions	CHEN, Fengyi
18:48	[28] First generation targets for ISOL@MYRRHA: Al and Mg isotopes production.	GUIDUBALDI, Flavia
18:49	[30] Next-generation Penning-trap mass spectrometry at TITAN	RAY, Dwaipayan
18:50	[32] Pion nuclear physics explored via pion-knockout reactions using double-arm spectrometer	KATO, Junichi
18:51	[34] The development of an accelerator-driven barium ion source for barium-tagging in liquid xenon	RAY, Dwaipayan
18:53	[43] Isobaric ion separation at CRIS	CHRISTEN, Tobias
18:54	[47] A Small Size High Resolution Multi-turn TOF Mass Analyzer	Dr SHCHEPUNOV, Vyacheslav
18:55	[49] High resolution laser spectroscopy in the actinide region using the PI-LIST laser ion source	Prof. WENDT, Klaus
18:56	[50] Ion-Trapping Properties of SCRIT: Effects of Electron Beam Stability on Target Densities and Charge State Distributions of 132Xe ions	OGAWARA, Ryo
18:57	[51] Hyperfine spectroscopy of the $K=8^-$ isomer in No-254 with JetRIS and other applications of in-gas-jet laser spectroscopy	IVANDIKOV, Fedor
18:58	[58] Simulation for FEBIAD ion source at ERIS for 132Sn experiment	ABE, Yasushi
18:59	[59] Thermal Analysis and Offline Testing of Hermetic Target Vessels for Proton and Photofission Targets at TRIUMF’s ARIEL Facility	NOORI, Navid
19:00	[61] An FPGA-based timing system for MRTOF	WADA, Michiharu
19:01	[62] Ion Optics Analysis of a Large-Acceptance Spectrometer for Cluster Knockout Reactions	MIYAGAWA, Taichi
19:02	[63] Development of a tiny THGEM-based TPC for high-intensity heavy ion beam experiment	Dr ENDO, Fumitaka

19:03	[64] Feasibility Simulation of Spin-Controlled Radioactive Ion Beams Production for g-factor measurement at HIRIBL, HIAF.	Dr SI, Min
19:04	[67] Development of thin scintillation counter with MPPCs for low-energy nuclear reactions	NISHIOKA, Sho
19:05	[71] Development of porous non-actinide target materials for the facility ISOL@MYRRHA	GUBBELS, Lisa
19:06	[72] Diagnostic requirements and methodology for the ARIEL High Resolution Separator	SCHICK-MARTIN, Riley
19:07	[79] Probing the silver isotopic chain with mass- and laser spectroscopy	MOORE, Iain
19:08	[80] The First Radioactive Ion Beams at the St. Benedict Trapping Facility	ZITE, Regan
19:09	[85] Revival of the Leuven Isotope Separator (LIS) – first beams and lessons learned	WOJTACZKA, Wiktoria
19:10	[88] Recent enhancements at the BigRIPS in-flight separator	MICHIMASA, Shin'ichiro
19:11	[90] High-resolution collinear laser spectroscopy in a combined collinear and anti-collinear geometry	PARK, Sung Jong
19:12	[94] Overview of recent production cross-section measurements at the FRagment Separator FRS	SCHEIDENBERGER, Christoph
19:13	[97] Commissioning the N=126 Factory, a new multi-nucleon transfer reaction facility at Argonne National Laboratory	PORTER, Sam
19:14	[99] New Fe, Co, Ni radioactive ion beams for SPIRAL1 – GANIL	LE VILLAIN, Erwan
19:15	[101] Towards laser spectroscopy of longer-lived heavy nuclei with RADRIS	VAN BEEK, Kenneth
19:16	[102] Development of an offline 227Th+ beam with an argon glow discharge source	NG, Kia Boon
19:17	[104] Enrichment of stable isotope ytterbium-176 - the Kinectrics Canada experience	JARVINE, Allan
19:18	[108] The new CNRS International Research Laboratory for Nuclear Physics, Nuclear Astrophysics and Accelerator Technologies at TRIUMF	LUNNEY, David
19:19	[113] Evaluation of Energy and Spatial Distributions of Trapped Ions in SCRIT	KIKUCHI, Yuta
19:20	[116] Development of an isober separator using skew-induced betatron resonance in a multi-radio-frequency quadrupole	KOBAYASHI, Hiroki
19:21	[117] Toward the reduction of ion backflow in a TPC using Flower GEM	SHIBAKITA, Hiroaki
19:22	[118] Development of high-purity and high-density RI stational targets using an electron-beam modulated EBIT	KAGAMI, Rin
19:23	[120] Conceptual Design of a Heavy-Ion Storage Ring Equipped with a Beam Recycling System	OGAWARA, Ryo
19:24	[123] Energy dependence of charge changing cross sections of 46Ti on carbon from intermediate to high energies	YASUDA, Ibuki
19:25	[124] Development of a New Particle Identification Method by Pulse-shape Analysis of GAGG:Ce Calorimeter	YANO, Takayuki
19:26	[128] Rare-RI Ring as an isomer beam filter mode	YAMAGUCHI, Yoshitaka
19:27	[132] Thermal investigations of target materials at TRIUMF	Mr GHOSH, Sundeep
19:28	[137] Probing the Unknown: Mass Measurements near N=126 with the FRS Ion Catcher	MAHAJAN, Kriti

19:29	[139] Beam Stopping Operation at FRIB with the Advanced Cryogenic Gas Stopper	IZZO, Christopher
19:30	[144] Conditioning and Development of RIB Delivery Systems at TRIUMF ISAC Test Stand	NEILSON, Dave
19:31	[145] High-Rate Beams for Stopped and Reaccelerated Experiments from the Batch Mode Ion Source (BMIS) at FRIB	GAMAGE, Nadeesha
19:32	[147] Molecular Selectivity in a FEBIAD: Inversion of Isobaric Ratios Through Operational Parameter Optimization	MALDONADO MILLAN, Fernando Alejandro
19:33	[148] Target Material Laboratories for ARIEL R&D and Production.	CERVANTES SMITH, Marla
19:34	[149] Machine Learning for Automated Gas Stopper Tuning and Stopped Beam Delivery at FRIB	CHEN, Xiangcheng
19:35	[151] Upgrades to ISAC target and ion source high voltage operation	BABCOCK, Carla
19:36	[152] Challenges and performance evaluation of a calorimeter using over 100 GAGG crystals for intermediate-energy experiments	SUGIYAMA, Taiki
19:37	[155] Design Study of a Fragment Separator for Producing Therapeutic Positron-Emitting Light Ions	SCHEIDENBERGER, Christoph
19:38	[157] Current Status of Laser Ion Source Development at RAON	KIM, Ha-Na
19:39	[158] Status of Rare Isotope Beam Operation at RAON	Dr SHIN, TAEKSU
19:40	[159] Status of RFQ Cooler Buncher for rare isotope experiments with Isotope Separation On-Line system	HEO, Seongjin
19:41	[163] Isolde Superconducting Linear Spectrometer	SÁNCHEZ, Sergio
19:42	[165] Ion Traps for Low-Energy Nuclear Science and Applications using Rare Isotopes	RINGLE, Ryan
19:43	[201] ISOL Target Containers – Evaluating The Effectiveness of The Tantalum Carbide Diffusion Barrier Against Carbon Corrosion	CERVANTES SMITH, Marla
19:44	[202] A novel method for deriving decay-energies of unbound isotopes by measurement of longitudinal momenta of their heavy-ion recoils	SCHEIDENBERGER, Christoph