EMIS 2022 at RAON

Monday, October 3, 2022

Poster Session - S236 (5:10 PM - 11:59 PM)

time	[id] title	presenter
5:10 PM	[4] Test Results and Current Status of the RISP 28GHz ECR ion source	KIM, Yonghwan
5:18 PM	[15] TULIP project: first on-line result and close future	BOSQUET, Vincent
5:26 PM	[17] Understanding radioactive ion beam production at TRIUMF-ISAC through yield measurements and simulations	KUNZ, Peter
5:34 PM	[21] Radioactive ion source experimental study for ISOL@MYRRHA	HURIER, Sophie
5:42 PM	[35] What's NEXT? A setup for the production and separation of neutron-rich nuclei	EVEN, Julia
5:50 PM	[49] Optimized production and extraction of medical grade Ac-225	JOHNSON, Jake
5:58 PM	[63] Reconditioning of the Leuven Isotope Separator as a test bench for radioactive ion beam development	WOJTACZKA, Wiktoria
6:06 PM	[79] Molecular ion beams at CERN-ISOLDE – development and facilities	AU, Mia
6:14 PM	[81] A laser ablation carbon cluster ion source for high accuracy mass measurements with an MR-TOF-MS	YU, Jiajun
6:22 PM	[98] The new Batch Mode Ion Source (BMIS) for stand-alone operation of the ReA reaccelerator at the Facility for Rare Isotope Beams (FRIB)	Dr SUMITHRARACHCHI, Chandana
6:30 PM	[105] The new CERN-ISOLDE fast tape station	STEGEMANN, Simon
6:38 PM	[106] Radioactive ion beams of Sb isotopes	STEGEMANN, Simon
6:46 PM	[109] Expanding RIB Capabilities at the Cyclotron Institute: 3He-LIG Production with an Isobar Separator	MELCONIAN, Dan
6:54 PM	[116] Latest improvements of the SPIRAL1 facility at GANIL	Dr CHAUVEAU, Pierre
7:02 PM	[148] Development of direct on-line temperature measurements of ISAC targets at TRIUMF	Mrs LAXDAL, Aurelia
7:10 PM	[150] Beam measurements in high-current ECR ion source	KIM, Jisoo
7:18 PM	[154] Status of the target development for the ISOL system	JEONG, Jaewon
7:26 PM	[25] On the feasibility of online terbium extraction at ISOL@MYRRHA.	LEENDERS, Benji
7:34 PM	[169] Numerical ionization model for the TRIUMF FEBIAD and the experimental comparison of ion beam properties	MALDONADO, Fernando
7:42 PM	[170] The ISAC Target and Ion Sources Outlook: Facility Reliability Improvements	BABCOCK, Carla
7:50 PM	[67] A new laser ionisation scheme resulting in a 10-fold yield increase of Pb isotopes at ISOLDE	HEINKE, Reinhard
7:58 PM	[128] Development of targets with tailor-made microstructure at CERN-ISOIDE	SOBRAL DOS REIS, Edgar Miguel
8:06 PM	[61] High beam-power RI production project at SCRIT electron scattering facility	ABE, Yasushi
8:14 PM	[103] Characterization of release properties from ISOL target	EGORITI, Luca

8:22 PM	[110] Parasitic material irradiation damage studies at ISAC/TRIUMF	BOIX PAMIES, Ferran
8:30 PM	[147] The present status of ISOL module and Remote handling system for Isotope Separation On-line facility in RISP.	HWANG, Wonjoo
8:38 PM	[157] Design and Fabrication of Beam Dump System for the RAON μSR Facility in Korea	KIM, Jae Chang
8:46 PM	[119] First in-gas laser spectroscopy with S3-LEB	AJAYAKUMAR, Anjali
8:54 PM	[83] Construction of the Superallowed Transition Beta-Neutrino Decay Ion Coincidence Trap	BRODEUR, Maxime
9:02 PM	[142] Charge Breeding Experiment of Stable Ion Beams in EBIS Charge Breeder for RAON Facility	Mr YOO, Kyoung-Hun
9:10 PM	[143] Development of a Reference Trap to Diagnose RFQ-CB of the heavy ion accelerator RAON	LIM, Chaeyoung
9:18 PM	[145] Preparation of the Iron Spectroscopy at PAL-XFEL with the UNIST-EBIT	PARK, SungNam
9:26 PM	[166] Beam diagnostics for RISP ISOL beamline system	YIM, Hee-Joong
9:34 PM	[86] The Cyclotron Gas Stopper at FRIB getting ready for operations	SCHWARZ, Stefan
9:42 PM	[120] High-resolution mass measurements for the verification of particle identification at in-flight separators	HORNUNG, Christine
9:50 PM	[84] Ion optical simulation for the NEXT solenoid separator at AGOR	SOYLU, Arif
9:58 PM	[90] Current status of a fast neutron TOF facility at RAON	Dr HAM, Cheolmin
10:06 PM	[96] Simulation Studies for Beam Commissioning at FRIB Advanced Rare Isotope Separator	FUKUSHIMA, Kei
10:14 PM	[163] Generation of contaminant-like beams for magnetic spectrometer characterization	MICHAUD, Julien
10:22 PM	[80] An innovative Superconducting Recoil Separator for HIE-ISOLDE	MARTEL, Ismael
10:30 PM	[27] COLLINEAR LASER SPECTROSCOPY ON THE PALLADIUM ISOTOPIC CHAIN	Dr CACERES, Lucia
10:38 PM	[37] Studying negative ions at the CRIS experiment	NICHOLS, Miranda
10:46 PM	[30] Developments towards high-resolution laser spectroscopy of 235mU	RAGGIO, andrea
10:54 PM	[57] High-resolution laser ionization spectroscopy of actinides in a Supersonic Gas Jet	FERRER-GARCIA, Rafael
11:02 PM	[73] Offline development for collinear laser spectroscopy at the SLOWRI facility	TAJIMA, Minori
11:10 PM	[146] Present Status of Laser Ion Source Development at the RAON ISOL facility	Dr PARK, Sung Jong
11:18 PM	[162] Development of the Collinear Laser Spectroscopy system in RAON	Dr JO, SeongGi
11:26 PM	[23] Laser Resonance Chromatography	KIM, EunKang
11:34 PM	[68] Recent upgrade and development at TRIUMF’s polarizer facility	Dr LI, Ruohong
11:42 PM	[119] GPIB & PIPERADE apparatus for the new DESIR hall at GANIL	HUSSON, Audric
11:50 PM	[137] Ion trapping properties of SCRIT: Time evolution of charge state distributions of ^{138}Ba ions	OGAWARA, Ryo

Tuesday, October 4, 2022

Poster Session - S236 (6:00 PM - 11:59 PM)

time	[id] title	presenter
6:00 PM	[153] Saturated absorption spectroscopy using the Ti:Sa laser for RAON CLS	CHOI, SinBee
6:08 PM	[11] Preliminary beam experiment results of single bunch selection at RAON facility	MOON, SeokHo
6:16 PM	[24] Development of ultra-fast plastic scintillation counter with reaching time resolution around 5 ps	FUKUTOME, Miki
6:24 PM	[26] Development of large GAGG:Ce calorimeter for measurements of the cluster knockout reactions	TSUJI, Ryotaro
6:32 PM	[28] Development of Silicon strip detector for cluster knockout reactions	HIGUCHI, Koshi
6:40 PM	[30] Detector array "TOGAXSI" for inverse-kinematics clusters and nucleon knock-out reaction experiments	TANAKA, Junki
6:48 PM	[40] Development status of the detector system for IF separator at RAON	KIM, Eunhee
6:56 PM	[44] Study on the application of SiPM to γ-ray and charged particle measurement using scintillation crystals	BAE, Sunghan
7:04 PM	[58] Novel detector systems for decay spectroscopy at FAIR/NUSTAR	GERL, Juergen
7:12 PM	[62] Performance comparison of various electronics systems for fast-timing measurements using the KHALA LaBr3(Ce) detector array	LEE, Jaehwan
7:20 PM	[65] Development of a fast response PPAC for high-intensity heavy-ion beams	HANAI, Shutaro
7:28 PM	[69] Development of the STARK detector for nuclear reaction studies	KIM, Dahee
7:36 PM	[71] RFQ Developments at the CERN-ISOLDE Offline 2 mass separator	Dr SCHUETT, Maximilian
7:44 PM	[76] Technique of decay correlated mass measurement via multi-reflection time-of-flight mass spectrograph with an α/β-TOF detector	Dr NIWASE, Toshitaka
7:52 PM	[77] Nitrogen gas scintillation counter for highly-intense heavy ion beams with negligible radiation damage	SAITOH, F.
8:00 PM	[88] Transfer reaction measurements using SNACK at KoBRA	KWAG, Minsik
8:08 PM	[91] High-precision MRTOF mass measurements of radioactive isotopes at RIKEN's RIBF facility: Recent projects for ion selection, wideband mass accuracy, and mirror potentials	Dr ROSENBUSCH, M.
8:16 PM	[96] Extending the reach of the mass spectrometer SHIPTRAP towards superheavy elements	GUTIÉRREZ, Manuel J.
8:24 PM	[100] Simulation and Determination of the absolute neutron detection efficiency in large neutron detectors	PARK, Jeonghyeok
8:32 PM	[107] ‘Finding a needle in a haystack;’ A Ba-tagging approach for an upgraded nEXO experiment	RASIWALA, Hussain
8:40 PM	[113] A position-sensitive large-area microchannel plate detector with digital data acquisition system for studies of exotic nuclei	KORKULU, Zeren
8:48 PM	[114] Development of gaseous Xe scintillator for particle identification of high intensity and heavy ion beams	HIJIKATA, Yuto
8:56 PM	[117] Constraints and characterization for use of in-beam diamond detectors in neutron-induced fission experiments	KIM, Yung Hee

9:04 PM	[118] Texas Active Target Detector Upgrade for 14O(α,p)17F Cross Section Measurement	PARK, Chaeyeon
9:12 PM	[121] Construction of the Multi-reflection time-of-flight mass spectrograph (MRTOF-MS) at RAON	Dr MOON, Jun Young
9:20 PM	[123] RF Power Coupling for RAON RFQ	PARK, Bum-Sik
9:28 PM	[124] Design and Development of Control system for the RAON μSR facility in Korea using EPICS	Mr JEONG, Jae Young Mr KIM, Jae Chang
9:36 PM	[126] Proof of Principle of Newly Installed Second Arm at VAMOS++ Spectrometer	SON, Yonghyun
9:44 PM	[132] WISArD experiment: the precision frontier of BSM	HA, Jeongsu
9:52 PM	[135] Particle identification of VAMOS++ spectrometer data using several machine learning techniques	CHO, Youngju
10:00 PM	[140] Improvement of the MHB quality factor and engineering design	KIM, Deok Min
10:08 PM	[141] Development and characterization of new position-sensitive silicon strip detectors at CENS	PEREIRA-LOPEZ, Xesus
10:16 PM	[158] β-NMR measurements of neutron-rich ^{21}O isotope for nuclear structure and materials science studies	GLADKOV, Aleksey
10:24 PM	[161] Recent Upgrades and Mass Measurements with the TITAN MR-TOF Mass Spectrometer and Applications to Beam Composition	WALLS, Coulter
10:32 PM	[76] Design study of re-bunching systems for the RAON low-energy experiments	KWAK, Donghyun
10:40 PM	[167] Charge state fluctuations of heavy ion beams inside ionization chambers	TAKAHASHI, Hiroyuki
10:48 PM	[46] Muonic X-ray Spectroscopy on Implanted Targets	HEINES, Michael
10:56 PM	[48] Development and optimization of the digital electronic for the search of new super heavy element at RIKEN on GARIS-III	BRIONNET, pierre
11:04 PM	[82] Magnetic resonance imaging (MRI) by β-ray tracking using scintillation-fiber detectors	Ms KIMURA, Yoko
11:12 PM	[97] DFT calculations of Ti-based molecules clustering with Ar for laser-based enrichment of stable isotopes	COCOLIOS, Thomas Elias
11:20 PM	[162] Sustainability of enriched isotope supply for medical radionuclide production	KÖSTER, Ulli
11:28 PM	[56] The CERN-Nano Laboratory – A research and development facility dedicated to the production of nano materials	LAMBERT, Laura