

ISOLDE Workshop and Users meeting 2024

Wednesday 27 November 2024

Poster session - 61/1-201 - Pas perdis - Not a meeting room - (18:00 - 20:00)

time	[id] title	presenter
18:00	[2] Machine Learning Optimization for Beam Steering at TRIUMF's ISAC Facility	HASSAN, Omar
18:01	[3] Nuclear magnetic dipole moments of As and Sb isotopes from ab initio NMR shielding calculations and NMR experiments	HURAJT, Andrej
18:02	[9] PI-LIST at ISOLDE	JARADAT, Asar A H
18:03	[14] Triaxial Nuclear Shapes from Simple Ratios of Electric-Quadrupole Matrix Elements	ORCE GONZALEZ, Jose Nicolas
18:04	[18] Thermal Release studies from Activated ^{nat}Ti , ^{nat}V and ^{nat}Ta Target Materials - Investigation of Parameters Relevant for Isotope Mass Separation	KALNINA, Patricija
18:05	[19] Measuring interfacial diffusion of $^8\text{Li}^+$ in solid-state battery materials with β -NMR	SPARKS, Amy
18:06	[24] To derive the distribution of magnetisation in neutron-rich potassium isotopes	NAGPAL, Anu
18:07	[25] Lattice location of implanted ^6He in diamond	WAHL, Ulrich
18:08	[26] Coulomb excitation in $^{185\text{g,m}}\text{Hg}$ - Shape coexistence in the neutron-deficient lead region	KLEIS, Hannah
18:09	[30] Magneto-electric decoupling in bismuth ferrite	Mr DANG, Thien Thanh
18:10	[31] Progress on beam dynamics studies for ISRS	Dr RESTA LOPEZ, Javier
18:11	[33] Laser Spectroscopy of Neutron Deficient Thallium Isotopes	MATTHEWS, Edward Noel
18:12	[34] Status update on the RFQcb at the ISOLDE Offline 2 mass separator	SCHMIDT, Alexander
18:13	[36] Probing the doubly magic shell closure at ^{132}Sn by Coulomb excitation of neutron-rich ^{130}Sn	DROSTE, Maximilian Paul
18:14	[37] Technical study of the MAGDEM ion test bench for the ISOLDE Superconducting Recoil Separator	GOMEZ DOMINGUEZ, Domingo
18:15	[38] Design study of a reaction chamber for the ISOLDE Superconducting Recoil Separator	GARCIA RAMOS, Carlos
18:16	[40] Local Probing of Structural Phase Transitions in Naturally Layered Perovskites: $\text{Li}_2\text{SrNb}_2\text{O}_7$ as a case study	NEVES CESARIO, Antonio Duarte
18:17	[41] A 3D magnetic field measuring system for the CCT magnet units (MAGDEM) of the ISOLDE Superconducting Recoil Separator	BERJILLOS MORENTE, Rafael
18:18	[42] Magnetic Moment Measurement of ^{11}Be with ppm Accuracy	PAULITSCH, Daniel
18:19	[43] β -decay spectroscopy with laser-polarised beams of neutron-rich potassium isotopes at VITO	MICHELON, Ilaria
18:20	[44] A Space for Developing New Target Materials – Extension of the Chemical Lab for Development and Production of Non-Radioactive Target Materials	GRASSER, Matthias Alexander

18:21	[47] Design study of the ISRS CCT Magnet Demonstrator MAGDEM	Mr GONZALES CORDERO, Carlos Alejandro
18:22	[49] Ab-initio Study on CsNdNb ₂ O ₇ and CsLaNb ₂ O ₇ Dion-Jacobson Perovskites	SILVA DE SOUSA, Pedro Alexandre
18:23	[50] New End-Station For In-Beam Laser-RF Double-Resonance Spectroscopy at the VITO Beamline	AZARYAN, Nikolay
18:24	[55] Towards King-plot nonlinearity searches with radioactive ion beams	KRAEMER, Sandro
18:25	[57] First Decay Spectroscopy Measurements of ^{219,220} Po from IS456 using IDS and PI-LIST	SHAW, Jack
18:26	[60] Reoxidation/Stabilization of pyrophoric ISOLDE targets after irradiation	USTA, Serdar
18:27	[61] Tailor-made materials for radioactive ion beam production	SOBRAL DOS REIS, Edgar Miguel
18:28	[62] Beam Switching at CERN-ISOLDE	LE, Line
18:29	[84] Terbium-149 production and separation: the latest results from IS688	VAN DER MEULEN, Nicholas Philip
18:30	[85] Probing residual nuclei production to optimize ISRS performance	TORABI, Fatemeh
18:31	[86] RIALTO, The laser ion source at ALTO	SEGOVIA MIRANDA, Anahi