

ISOLDE Workshop and Users meeting 2022

Wednesday 30 November 2022

Poster Session - 503/1-001 - Council Chamber (17:30 - 19:20)

time	[id] title	presenter
17:50	[16] Commissioning Results of MIRACLS' new Paul Trap	HUMMER, Fabian
17:52	[18] Towards a highly selective and high flux multi-reflection time-of-flight mass separator	MAIER, Franziska Maria
17:54	[21] Collinear resonance ionization spectroscopy of stable 64, 66, 67,68, 70Zn isotopes	LIU, Yongchao
17:56	[22] Enhancing ISOLDE beam purity by ion bunch width compression via fast modulated heating of the RILIS laser ion source	HENDRIKS, Isabel Eline
17:58	[23] Control System of MIRACLS at ISOLDE	ROITMAN, Anthony
18:00	[24] Operation and new development at the MELISSA laser lab in MEDICIS.	BERNERD, Cyril
18:02	[26] Ultra-low ion energy implantation: depth control of radioactive probes in nanostructures, using the new ASCII chamber	VAN STIPHOUT, Koen Karl F
18:04	[27] Laser assisted decay spectroscopy of ^{178}Au at the ISOLDE Decay Station	PAGE, Christopher
18:06	[30] Effect of temperature distribution on the spectra of RaF	FAJARDO ZAMBRANO, Carlos Mario ATHANASAKIS-KAKLAMANA S, Michail
18:08	[33] Target material research and hot materials characterization infrastructure at SCK CEN	RAMOS, Joao Pedro
18:10	[35] Charge radii measurements of $^{26-34}\text{Al}$ transitioning into the $N=20$ island of inversion	REILLY, Jordan Ray
18:12	[39] Approaching $N=82$ through silver with the recently implemented voltage scanning at CRIS	VAN DEN BORNE, Bram
18:14	[40] Challenging production of long-lived Xenon isotopes at ISOLDE: experiment vs theory	MICHELON, Ilaria
18:16	[43] Polarons in MoO_x implanted with cadmium (^{111}mCd - ^{111}Cd) probe	MOKHLES GERAMI, Adeleh
18:18	[45] Towards a photo-cathode driven electron-impact ion source for new molecular beams at ISOLDE –Numerical simulations of the ion extraction	BALLOF, Jochen
18:20	[46] Molecular Ions as Powerful Low-Energy Probes for Fundamental Physics	ZUELCH, Carsten
18:22	[48] Vacuum-ultraviolet spectroscopy of thorium-229m: En route towards a solid-state nuclear clock	KRAEMER ON BEHALF OF THE IS658 COLLABORATION, Sandro
18:24	[49] Studies of triaxial deformations in ^{140}Sm at ISOLDE	PAULSEN, wanja
18:26	[51] Nuclear electromagnetic moments of scandium isotopes studied by laser spectroscopy	BAI, Shiwei
18:28	[53] Development of a Liquid Sample Dispensing System Facilitating Novel Applications of β -NMR at VITO	TRECZOKS, Tobias Patrick

18:30	[57] Transfer reactions in the neutron-rich krypton isotopes	DOLAN, Annie
18:32	[70] Limits of the 'classical' laser ion source for medical radioisotope production	MANCHEVA, Ralitsa Ivaylova
18:34	[77] The first real-world test of the single-mode Raman laser for RILIS applications	GRANADOS, Eduardo
18:36	[78] The PI-LIST Laser Ion Source at ISOLDE: Implementation and Initial Results	JARADAT, Asar A H