

FRS User Meeting 2024

Wednesday				
Time	Experiment Number	Scheduled in year...	Spokesperson resp. speaker	Experiment / presentation title
--	--	--	Session 1	--
14:00	--	--	Christoph Scheidenberger	Welcome
14:05	--	--	Daniel Severin	Beamtime schedule 2024+2025 and outlook
14:25	--	--	Peter Spiller	SIS-18 developments towards FAIR
14:45	--	--	David Ondreka	Recent accelerator developments (SIS intensities, extraction, H-stripper, new beams, macro-spill structure, ...)
15:05	--	--	Michael Traxler	Experience with "SOS" (Spill Optimization System)
15:25	--	--	Pradeep Ghosh	Opportunities from International Cooperations and GET_INVolved Programme
15:40	--	--	Sabrina Appel	ML/AI for GSI-FAIR accelerators
15:55	--	--	Coffee break	
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16:15	--	--	Karin Füssel / Karin Stix	On Beamtime Call (GATE) / Welcome Office
16:30	--	--	Christine Hornung	Euro-Labs Transnational Access to GSI-FAIR
16:45	--	--	Nicolas Hubbard	FRS "Virtual Messhuetten"
17:00	--	--	Christoph Scheidenberger	NUSTAR Beam Team report
17:15	--	--	Andrew Mistry	GSI-FAIR open science and data management activities
17:35	--	--	Michael Reese	New MBS developments for FRS DAQ
17:55	--	--	Martin Bajzek	First online experience with new FRS DAQ and rate enhancement
18:30	--	--	Dinner	--
Thursday				
Time	Experiment Number	Scheduled in year...	Spokesperson resp. speaker	Experiment / presentation title
--	--	--	Session 3	--
9:00	--	--	Philipp Schwarz	Recent technical developments at FRS
9:20	--	--	Elena Rocco	FRS particle detectors and beam diagnosis
9:40	G-22-00181	2024	Marta Poletini (for Peter Reiter)	Extending the quest towards the N=126 r-process waiting point
10:00	G-22-00118	2024	Lukas Ponnath (for Roman Gernhäuser)	R3B - results from 2023+2024 commissioning
10:20	G-22-00091	2024	Lukas Ponnath (for Marina Petri)	Probing nucleon-nucleon correlations in atomic nuclei via (p,pd) QFS reactions
10:40	G-22-00100	2024	Helena Albers	Structure of neutron-rich, rare-earth nuclei far from stability
11:00	--	--	Coffee break	
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11:20	G-22-00117	2024	Timo Dickel (for Paul Constantin)	In-cell multi-nucleon transfer reactions at the FRS Ion Catcher
11:40	G-22-00179	2024	Ali Mollaebrahimi	First test of MNT reactions with secondary beams at the FRS Ion Catcher
12:00	G-22-00180	2024	Tuomas Grahn	Measurements of production cross sections of neutron-deficient trans-Pb nuclei
12:20	--	--	Lunch break	
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14:00	G-22-00092	2024+2025	Zhiqiang Chen (for Kathrin Wimmer)	Testing diamond detectors for development of an active target
14:15	G-22-00143	2024+2025	Matjaz Venceli	Test of Fibre Implanter (FIMP): review (2024) and preview (2025)
14:30	BIO	2024+2025	Daria Boscolo (for Marco Durante)	BARB: highlights from 2024, plans for 2025
14:50	G-22-00160	2024+2025	Christoph Scheidenberger	FRS developments
15:10	G-22-00056	2025	Wolfgang Plaß	Nuclear symm. and struct. studies via mass meas. at the N=Z line from Ge to Rh
15:30	--	--	Coffee break	
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16:00	G-22-00101	2025	Magdalena Görska (for Bo Cederwall)	Isomer and decay spectroscopy in the A ~ 80-90 region
16:20	G-22-00103	2025	Matjaz Venceli (for Jelena Vesic)	Test of the beam tracking and identification for HISPEC-10
16:40	G-22-00027	2025	Ritu Kanungo	Neutron skin measurement of ¹³² Sn and ¹⁴⁴ Xe
18:00	--	--	Dinner	--
Friday				
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9:00	G-22-00115	2025	Marek Pfuetzner	Study of a nuclear sandbank at the proton unbound bromine isotopes
9:20	G-22-00111	2025	Vratislav Chudoba	Towards limits of nuclear structure by using a 9C beam
9:40	G-22-00150	2025	Christoph Scheidenberger	Mass measurements at N=126 for understanding the 3rd r-process abundance peak
10:00	G-22-00182	2025	Jianwei Zhao	S182 experiment: Fission isomer studies with the FRS
10:20	--	--	Coffee break	
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10:50	--	2026+2027	All	Discussion on new proposals, future plans
11:20	--	--	All	Discussion, summary, conclusions
11:50	--	--	End of FRS User Meeting 2024	