

FRS User Meeting 2024

Wednesday			
Experiment Number	Scheduled in year...	Speaker	Experiment / presentation (draft) title
--	--	Christoph Scheidenberger	Welcome
--	--	Daniel Severin	Beamtime schedule 2024+2025 and outlook
--	--	NN	Recent accelerator developments (SIS intensities, extraction, H-stripper, new beams, macro-spill structure, ...)
--	--	NN	Experience with new SIS-18 spill cavity
--	--	Pradeep Gosh	Opportunities from International Cooperations and GET INVolved Programme
--	--	Karin Füssel / Karin Stix	News from GATE / Welcome Office
Coffee break			
--	--	Christine Hornung	Euro-Labs Transnational Access to GSI-FAIR
--	--	Nicolas Hubbard	FRS "Virtual Messhuetten"
--	--	Christoph Scheidenberger	NUSTAR Beam Team report
--	--	NN	GSI-FAIR open science and data management activities
--	--	NN	FRS DAQ developments and rate enhancement
Dinner			

Thursday			
Experiment Number	Scheduled in year...	Speaker	Experiment / presentation (draft) title
--	--	Philipp Schwarz	Recent technical developments at FRS
--	--	Elena Rocco	FRS particle detectors and beam diagnosis
G-22-00181	2024	Marta Poletini (for Peter Reiter)	Extending the quest towards the N=126 r-process waiting point
G-22-00118	2024	Lukas Ponath (for Roman Gernhäuser)	R3B - results from 2023+2024 commissioning
G-22-00091	2024	Marina Petri	Probing nucleon-nucleon correlations in atomic nuclei via (p,pd) QFS reactions
G-22-00100	2024	Helena Albers	Structure of neutron-rich, rare-earth nuclei far from stability
Coffee break			
G-22-00117	2024	Timo Dickel (for Paul Constantin)	In-cell multi-nucleon transfer reactions at the FRS Ion Catcher
G-22-00179	2024	Ali Mollaebrahimi	First test of MNT reactions with secondary beams at the FRS Ion Catcher
G-22-00180	2024	Tuomas Grahn	Measurement of production cross sections of neutron-deficient???
Lunch break			
G-22-00092	2024(+2025?)	Kathrin Wimmer	Testing diamond detectors for development of an active target
G-22-00143	2024(+2025?)	Matjaz Venceli	Test of Fibre Implanter (FIMP): review (2024) and preview (2025)
BIO	2024+2025	Marco Durante	BARB: highlights from 2024, plans for 2025
G-22-00160	2024+2025	Christoph Scheidenberger	FRS developments
G-22-00056	2025	Wolfgang Plaß	Nuclear symm. and struct. studies via mass meas. at the N=Z line from Ge to Rh
Coffee break			
G-22-00101	2025	Bo Cederwall	Isomer and decay spectroscopy in the A ~ 80-90 region
G-22-00103	2025	Matjaz Venceli (for Jelena Vesic)	Test of the beam tracking and identification for HISPEC-10
G-22-00027	2025	Ritu Kanungo	Neutron skin measurement of ¹³² Sn and ¹⁴⁴ Xe
Dinner			

Friday			
Experiment Number	Scheduled in year...	Speaker	Experiment / presentation (draft) title
G-22-00115	2025	Marek Pfuetzner	Study of a nuclear sandbank at the proton unbound bromine isotopes
G-22-00111	2025	Vratislav Chudoba	Towards limits of nuclear structure by using a 9C beam
G-22-00150	2025	Christoph Scheidenberger	Mass measurements at N=126 for understanding the 3rd r-process abundance peak
Coffee break			
G-22-00182	2025	Jianwei Zhao	Fission isomer studies with the FRS
--	2026+2027	NN, All	Discussion on new proposals, future plans
--	--	All	Discussion, summary, conclusions
Lunch			