

Program of the 2003 FRS Users' Meeting

Wednesday, February 12

13:00	Welcome	Hans Geissel
<i>Present facilities</i>		
13:05	Performance of and new developments at UNILAC and SIS18 (Intensities, limitations)	Peter Spiller
13:20	Experimental conditions at the ESR (electronic and stochastic cooling, internal target)	Markus Steck
13:35	New Developments at the FRS	Martin Winkler
13:50	Major Upgrades and move of the LAND-ALADIN RIB Cave	Thomas Aumann
14:05	RISING, experimental setup and status	Hans-Jürgen Wollersheim
<i>Results from recent experiments and near-future plans</i>		
14:20	RISING experiments - Fast beam campaign in 2003	Peter Reiter
14:40	Recent results from experiments with pionic Sn atoms	Kenta Itahashi
14:55	Search for nuclear bound eta/omega states	Miki Shindo
<i>15:10 – 15:40 Coffee break</i>		
15:40	Recent mass and lifetime measurements at FRS-ESR	Yuri Litvinov
15:55	Energy-bunching and stopping of fragments in a gas cell	Michael Maier
16:10	Developments for Direct Mass Measurements and Diagnostics for the FRS-Ioncatcher and SHIPTRAP	Wolfgang Plaß
16:25	Density distribution of $^{58,72}\text{Ni}$ and ^{72}Ge from elastic proton scattering	Rituparna Kanungo
16:40	Interaction cross-sections for Sr and Ni isotopes	Akira Ozawa
16:55	Spectroscopy of n-rich isotope chains via knock-out reactions	Dolores Cortina
<i>17:10 – 17:25 Break</i>		
17:25	Charge-pickup reactions of ^{208}Pb at 1 A GeV in different targets	Aleksandra Kelic
17:40	Isotopic distributions of spallation residues and	Laurent Audouin

	energy dependancies - Results from 208Pb+p at 500AMeV	
17:55	Isotopic distributions of heavy fragmentation products - The isospin thermometer	Daniela Henzlova
18:10	Experimental Indications for the Response of the Spectators to the Participant Blast	Maria Valentina Ricciardi
18:25	Precision measurements on momentum distributions of fragmentation residues for investigating the EOS of nuclear matter	Vladimir Henzl
18:40	Complex nuclear-structure phenomena revealed from the nuclide production in fragmentation reactions	Maria Valentina Ricciardi
19:00 – 21:00	<i>Buffet dinner</i>	

Thursday, February 13

Recent experiments and near-future plans, continued

09:00	Discovery of two-proton radioactivity	Zenon Janas
09:15	Search for the proton radioactivity in the trans-lead region	Zenon Janas
09:30	Two-proton decay of 19Mg	Klaus Sümmerer
09:45	Electromagnetic Excitation of Neutron Rich Nuclei	Rudrayoti Palit
10:00	New results on the core-halo structure in 6He and 8He	Farouk Aksouh
10:15	Recent isomer spectroscopy experiments at the FRS	Maggie Hellström
10:30 – 11:00	<i>Coffee break</i>	
11:00	New results on 5H	Leonid Chulkov
11:15	Two and three particle correlations in halo breakup experiments	Haik Simon
11:30	Residual nuclei in the spallation reaction Fe + p at different energies.	Carmen Villagrasa
11:45	Signature of binary break-up in the production of light particles in spallation reactions	Paolo Napolitani
12:00	Isotopic production cross sections and momentum distributions in the reactions U+p and U+d at 1 A GeV	Jorge Pereira
12:15	Determination of the response of GLAST's crystals to high-energy heavy ions	Benoit Lott
12:30 – 13:45	<i>Lunch</i>	

Experimental developments & practical news for running experiments at the FRS

13:45	A new active catcher for beta-decay investigations of heavy neutron-rich isotopes decay	Jose Benlliure
14:00	Detector developments for slow and fast extracted beams at the FRS	Branislav Sitar
14:15	News about data acquisition and analysis	Maggie Hellström
14:30	Simulation programs (MOCADI, LISE)	Helmut Weick
14:45	Precision measurements on charge changing cross sections and total fission cross sections.	Orlin Yordanov

15:00 – 15:30 Coffee break

Beam time scheduling 2003-2004

15:30	Tentative beam planning for 2003 - 2004.	Matthias Schädel
16:00	Discussion: Experiment scheduling at the FRS in 2003 - 2004	Klaus Sümmerer

GENCO award ceremony

17:00	GENCO award presentation & lecture	William Gelletly
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19:00 – 21:00 Buffet and celebration

Friday, February 14

Super-FRS: The new European in-flight facility

09:00	Status of the planned international accelerator facility for ions and antiprotons	Gottfried Münzenberg
09:15	The new accelerator complex for ions and antiprotons	Petra Schütt
09:35	Overview of EU projects	Gottfried Münzenberg
09:50	Status and R&D phase of AGATA	Jürgen Gerl
<i>10:05 – 10:35 Coffee break</i>		
10:35	Super-FRS facility overview	Martin Winkler
10:55	Low-energy branch	Christoph Scheidenberger
11:15	High-energy branch	Thomas Aumann
11:35	Ring branch	Helmut Weick
11:55	eA collider	Haik Simon
12:15	Discussion: The formation of international collaborations towards the research and development for the Super-FRS	Gottfried Münzenberg
12:45	<i>End of meeting</i>	

With the exception of the GENCO award ceremony (to be held in the GSI Auditorium), all meeting activities will take place in the Theory seminar room (south building, entrance "D", floor 3).