



Annual NuSTAR Meeting

March 03 - 05, 2010, GSI, Darmstadt, Germany

Preliminary Program

last up-date: 2010-02-23

The length of the presentations will be 20 minutes + 5 minutes discussion time

Wednesday, March 03, 2010		
Time	Topic	Speaker
10:00	Welcome	Karlheinz Langanke
10:10	FAIR	Boris Sharkov
10:35	Status of Super-FRS and perspectives	Martin Winkler
11:00	Coffee Break	
11:30	Laser Spectroscopic Determination of Nuclear Charge Radii	Wilfried Nörtershäuser
11:55	Gamow-Teller transitions: implications for supernova scenarios and double-beta decay	Muhsin Harakeh
12:20	Probing nuclear properties by photorecombination of Li-like heavy ions	Christophor Kozhuharov
12:45	Conference Photo	
13:00	Lunch Break	
14:00	Overview of the RISING stopped beam campaign	Paddy Regan
14:25	Status and recent developments of covariant density functional theory	Jie Meng
14:50	First results from hypernuclei experiments at GSI	Take Saito
15:15	Nuclear Energy Density Functionals and Applications	Dario Vretenar
15:40	Coffee Break	
16:10	Total interaction cross sections of medium mass nuclei	Dusan Dragosavac
16:35	Quasi-free scattering at R3B	Roy Lemmon
17:00	New isotopes produced at the FRS	Jan Kurcewicz
17:25	Light nuclei beyond the dripline	Leonid Chulkov
17:50	End of Presentations	
18:00	NuSTAR Council Meeting	
18:30	Buffet	



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Thursday, March 04, 2010		
Time	Topic	Speaker
09:00	Synthesis of element 114 at TASCA	Christoph Düllmann
09:25	Plans of Superheavy Elements Investigations in FLNR	Andrey Popeko
09:50	Upgrade program of the UNILAC for the SHE research at GSI	Winfried Barth
10:15	A novel mass spectrometer for precision experiments with exotic nuclei	Wolfgang Plass
10:40	Nuclear structure of the heaviest elements	Fritz-Peter Hessberger
11:05	Coffee Break	
11:35	Cryogenic stopping cells: status and perspectives	Peter Dendooven
12:00	Time modulation of two-body weak decays with massive neutrinos	Paul Kienle
12:25	Progress on direct mass measurements at FRS-ESR facility	Baohua Sun
12:50	Lunch Break	
14:00	Modern aspects of nuclear structure theory	Hans Feldmeier
14:25	Spectroscopy in the neighbourhood of ^{100}Sn	Christoph Hinke
14:50	First results from AGATADemo@Legnaro	Enrico Farnea
15:15	(p,gamma)-experiments with stable and unstable ions	Rene Reifarh
15:40	Coffee Break	
16:10	GENCO Award Session How and where did nature make the elements beyond Fe ?	Friedel Thielemann
18:30	Buffet	



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Friday, March 05, 2010		
Time	Topic	Speaker
09:00	RCE studies at FAIR	Yuri Pivovarov
09:25	TRIGA-SPEC at the reactor in Mainz	Szilard Nagy
09:50	Present results and future plans of Big-RIPS	Heiko Scheit
10:15	Experiments and developments on the way towards EURISOL	Marek Lewitowicz
10:40	Coffee Break	
11:10	The experimental capabilities at NSCL pre-FRIB	Brad Sherrill
11:35	Goals and status of FRIB	Georg Bollen
12:00	Status of the preparation of the NuPECC Long Range Plan	Angela Bracco
12:25	Lunch Break	
14:00 - 17:00	First FRIB-NuSTAR Cooperation Meeting at GSI - FRIB facility, status, plans, time line (Bradley Sherrill) - FRIB equipment, summary from equipment workshop (Georg Bollen) - Super-FRS experimental areas and detectors (Dieter Ackermann) - Informal discussion, informal contributions (All) - Summary on possible joint projects, synergies, follow-up activities	