Program

Last update: May 06, 2022

Tuesday, May 10, 2022

TIME*	TOPIC	Speaker
14:00	**Welcome**	C. Düllmann (JGU Mainz / GSI Darmstadt / HIM)
	News from Gas-Filled Recoil-Separator Laboratories (Part 1)	**Chair:**
14:10	Quasielastic backscattering measurement for V-51 + Cm-248 reaction toward element-119 synthesis at RIKEN (25+5 min)	M. Tanaka (RIKEN)
14:40	Measurement of evaporation residues produced in the multinucleon transfer reaction using the JAEA Recoil Mass Separator (25+5 min)	F. Suzaki (JAEA)
15:10	Status report of the JYFL-ACCLAB in-flight separators MARA and RITU (25+5 min)	J. Uusitalo (Univ. of Jyväskylä)
15:40	**Workshop Photo**	
15:45	**Coffee Break**	
	News from Gas-Filled Recoil-Separator Laboratories (Part 2)	**Chair:**
16:00	Status and plans for S3 (25+5 min)	J. Piot (GANIL)
16:30	Stability of K-isomeric states against fission (25+5 min)	J. Khuyagbaatar (GSI)
17:00	Laser Spectroscopy of the Heaviest Actinides at GSI (25+5 min)	T. Kieck (GSI / HIM)
17:30	Heavy Element Research at Texas A&M University (25+5 min)	Charles M. Folden III (Texas A&M Univ.)
18:00	**End**	

Wednesday, May 11, 2022

TIME*	TOPIC	Speaker
14:00	**Welcome**	P. Giubellino (FAIR / GSI)
14:10	**Workshop Photo**	
	Physics (Part 1)	**Chair:**
14:15	In-beam gamma-ray spectroscopy of neutron-rich actinides at the JAEA Tandem accelerator (tba) (25+5 min)	R. Orlandi (JAEA)
14:45	Synthesis of heavy nuclei in multinucleon transfer reaction Xe-136 + U-238 close to zero degrees (25+5 min)	B. Sulignano (CEA / Saclay)
15:15	Alpha, photon and electron multi-coincidence spectroscopy with ANSWERS (25+5 min)	P. Mosat (GSI)
15:45	Influence of Multi-Neutron Transfer Channels on sub-barrier fusion enhancement (10+5 min)	A. Rani (Univ. of Delhi)
16:00	Spectroscopy of neutron deficient actinium isotopes (10+5 min)	J. Louko (Univ. of Jyväskylä)
16:15	**Coffee Break**	
	Physics (Part 2)	**Chair:**
16:30	Multinucleon transfer reactions in the U-238 + U-238 system studied with the VAMOS + AGATA + ID-Fix (15+5 min)	A. Utepov (GANIL)
16:50	Probing proton emitters using MARA sperator (tba) (15+5 min)	K. Auranen (Univ. of Jyväskylä)
17:10	Probing the heaviest elements using Penning Trap Mass Spectrometry at SHIPTRAP (25+5 min)	M. Gutiérrez Torres (GSI / HIM)
17:40	Probing the fusion-fission dynamics of Bi-203 through mass distribution measurements (10+5 min)	K. Chakraborty (Univ. of Delhi)
17:55	**End**	

Thursday, May 12, 2022

TIME*	TOPIC	Speaker
14:00	**Welcome**	
	Chemistry / Interdisciplinary (Part 1)	**Chair:**
14:10	Upgrade of the detection setup of the gas-filled recoil separator GARIS-III (15+5 min)	P. Brionnet (RIKEN)
14:30	Recent SHE studies utilizing chemical and low-energy ion beam techniques at JAEA (15+5 min)	Y. Ito (JAEA)
14:50	Status and Perspectives of the HELIAC-Project (15+5 min)	C. Burandt (TU Darmstadt/GSI)
15:10	Ion optical simulation for the NEXT solenoid separator (10+5 min)	A. Soylu (Univ. of Groningen)
15:25	Progress report on Laser Resonance Chromatography (LRC) (10+5 min)	Elisa Romero-Romero (JGU / HIM)
15:40	**Coffee Break**	
15:55	**Workshop Photo**	
	Chemistry / Interdisciplinary (Part 2)	**Chair:**
16:00	Adsorption of superheavy element atoms and molecules on different surfaces (25+5 min)	V. Pershina (GSI)
16:30	Status and perspectives of chemistry studies with superheavy elements at the SHE factory in Dubna (25+5 min)	P. Steinegger (PSI)
17:00	Towards chemistry beyond moscovium (Mc, Z = 115) (15+5 min)	A. Yakushev (GSI), Y. Wei (Univ. of Mainz)
17:20	Metal adsorption on thiolate-functionalized gold-coated silicon detectors for the future study of meitnerium chemistry (10+5 min)	V. Zakusilova (Univ. de Strasbourg / Texas A&M Univ.)
17:35	**End of TASCA 22 workshop**	

** Time corresponds to Central European Summer Time (CEST / UTC+02:00)*