

# TASCA 12

11<sup>th</sup> Workshop on

## Recoil Separator for Superheavy Element Chemistry

September 14, 2012, GSI, Darmstadt, Germany

### Preliminary Program

as of August 31, 2012

#### September 13, 2012

TIME	TOPIC
19:30	Dinner (optional, Restaurant "Weißer Schwan", Arheilgen )

#### September 14, 2012

TIME	TOPIC	Speaker
09:00	Welcome	H. Stöcker (GSI)
	<b>Scientific highlights from gas-filled separator labs</b>	
09:10	New results from DGFRS experiments performed using $^{48}\text{Ca}$ beams on $^{243}\text{Am}$ , $^{249}\text{Bk}$ and $^{249}\text{Cf}$ targets	K. Rykaczewski (ORNL)
09:40	Spectroscopy of SHE with gamma rays and conversion electrons	R.-D. Herzberg (Univ. of Liverpool)
10:10	Search for element 119 at TASCA	Ch.E. Düllmann (Univ. Mainz / GSI)
10:40	Coffee	
	<b>Developments and advances for experiments at gas-filled separators</b>	
11:00	VAMOS in gas-filled mode	B. Sulignano (CEA, Saclay)
11:25	Bk target production and control	J. Runke (GSI, Darmstadt)
11:50	Heavy element chemistry at Texas A&M University - From off-line to on-line	M.E. Bennett (Texas A&M Univ.)
12:15	Development of a gas stopper for heavy elements chemistry at Texas A&M University	M. Alfonso (Texas A&M Univ.)
12:40	Lunch	
13:50	Workshop Photo	
14:10	Commissioning and first efficiency measurements of the cryogenic gas stopping cell at SHIPTRAP	C. Droese (Univ. Greifswald)
14:35	Prospects for studying ion-neutral interaction potentials of SHE	M. Laatiaoui (HIM, Mainz)
	<b>Status of accelerator projects</b>	
15:00	A new heavy-ion accelerator lab at University of Huelva	I. Martel (Univ. Huelva)
15:25	Status of the cw-LINAC project at HIM/GSI	S. Mickat (GSI, Darmstadt)
15:50	Closing remarks	Ch.E. Düllmann (Univ. Mainz / GSI)
16:00	End of TASCA 12 workshop	

All presentations include 10 min. discussion time

Venue: KBW Lecture Hall