

**9th Workshop on
Recoil Separator for Superheavy Element Chemistry
November 18, 2010, GSI, Darmstadt, Germany****Program**

TIME	TOPIC	Speaker
09:00	Welcome	H. Stöcker (GSI)
	Scientific SHE highlights from gas-filled separator labs	Chair: Ch.E.Düllmann (Univ. Mainz / GSI)
09:10	Superheavy Element Research at the Berkeley Gas-Filled Separator	J.M. Gates (LBNL)
09:30	First main beam experiment of TASISpec	L.-L. Andersson (Univ. of Liverpool)
09:50	Superheavy Element Research at RITU	J. Uusitalo (JYFL)
10:10	Coffee Break	
	Technical developments	Chair: K.E. Gregorich (LBNL)
10:40	Average charge of heavy recoil ions in various gases and their mixtures	J. Khuyagbaatar (GSI)
11:00	Targets for SHE experiments with intense beams	K. Eberhardt (Univ. Mainz)
11:20*	Digital signal processing and the studies of short-lived charged-particle emitters	R. Grzywacz (ORNL)
11:50	Towards online coupling of TRIGA-SPEC to the research reactor TRIGA Mainz	S. Nagy (MPIK Heidelberg)
12:10	A mobility spectrometer for heavy element research	M. Laatiaoui (LMU)
12:35	Workshop photo	
12:50	Lunch Break	
	Scientific developments	Chair: A. Türler (PSI / Univ. Berne)
13:45	Nuclear structure of SHE: current developments	R.-D. Herzberg (Univ. of Liverpool)
14:05	X-ray Fingerprinting of Element 115 Decay Chains	D. Rudolph (Lund Univ.)
14:25	Extraction chromatographic studies of Rf using crown ether based resins	M.E. Bennett (Univ. of Nevada)
14:45	Coffee Break	
	Chemistry behind gas-filled separators	Chair: M. Schädel (JAEA / GSI)
15:15*	SHE researches at RIKEN	H. Haba (RIKEN)
15:45	Berkeley Gas-filled Separator Focal Plane and Beyond	K.E. Gregorich (LBNL)
16:05	Chemistry experiments behind TASCA	A. Yakushev (GSI)
16:25	Gas phase chemistry with element 114 behind the DGFRS	R. Eichler (PSI)
16:45	Closing remarks	Ch.E. Düllmann (Univ. Mainz / GSI)
17:00	End of TASCA10 workshop	
19:00	Dinner for TASCA and IRiS Workshop participants (optional, details will follow)	

The length of all presentations will be 15 minutes + 5 minutes discussion time, except * (→ 25 min. + 5 min. discussion time)