

**2<sup>nd</sup> Workshop on  
Inelastic Reaction Isotope Separator for Heavy Elements  
November 19, 2010, GSI, Darmstadt, Germany**

last update: 2010-11-15

## Program

TIME	TOPIC	Speaker
<b>09:00</b>	<b>Welcome</b>	H. Stöcker (GSI)
09:10	Organization remarks	J. Dvorak (HIM)
	<b>Reports from the working groups</b>	<b>Chair:</b>
09:20*	Concepts for separation and detection of heavy transfer products	S. Heinz (GSI)
	<b>Status: Relevant Experiments</b>	<b>Chair:</b>
09:50	KEK isotope separation system for beta-decay spectroscopy of r-process nuclei	Y. Watanabe (KEK)
<b>10:10</b>	<b>Coffee Break</b>	
10:40	Mass measurements of rare isotopes with the Penning trap mass spectrometer SHIPTRAP	M. Block (GSI)
11:00	A Large Acceptance Spectrometer for Deep-Inelastic Scattering with Reaccelerated Radioactive Beams	G. Souliotis (Univ. Athens)
11:20	Large-bore Solenoid Collector ( <i>BigSol</i> ) for Isotope and Heavy-Element Production	F. Becchetti (Univ. Michigan)
11:40	Near barrier collisions of transactinides: excitation functions and angular distributions of transfer reaction products	V. Zagrebaev (FLNR)
<b>12:05</b>	<b>Photo</b>	
<b>12:15</b>	<b>Lunch Break</b>	
	<b>Reports from the working groups</b>	<b>Chair:</b>
13:00	Reaction Properties	J. Dvorak (HIM)
13:20*	Solenoid design	J. Dvorak (HIM)
13:50	A gas stopping station for IRiS	M. Block (GSI)
14:10	Nuclear structure of SHE: current developments	R.D. Herzberg (Univ. of Liverpool)
<b>14:30</b>	<b>Coffee Break</b>	
<b>15:00</b>	<b>Next Steps – Panel Discussion</b>	<b>Chair:</b>
	<ul style="list-style-type: none"> <li>• Choice: solenoid vs. QD</li> <li>• If needed: next steps other WGs?</li> <li>• General discussion</li> </ul>	
<b>16:00</b>	<b>End</b>	

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