



**Workshop: Radiochemistry
of the Actinides
Mainz, 21.-23.05.2012**



Programme

Monday, 21.05.2012		
14:00-14:10	Welcome	K. Eberhardt (JGU)
14:10-14:30	TRAKULA – Status report	A. Junghans (HZDR)
14:30-15:00	Coffee break	
15:00-16:00	Tour TRIGA-Reactor	K. Eberhardt (JGU)
16:15-17:00	Talk: Separation of actinide elements from spent nuclear fuel	A. Geist (KIT)

Tuesday, 22.05.2012		
08:30-09:30	Talk: Geschichte der Kernspaltung	N. Trautmann (JGU)
09:30-10:00	Lanthanide thin films produced by Molecular Plating (MP)	A. Vascon (JGU)
10:00-10:30	Coffee break	
10:30-11:00	Simulations of actinide fission chambers	T. Kögler (HZDR)
11:00-11:30	Investigations of long-lived α -Emitters	F. Krüger (TUD)
11:30-12:30	Lunch	
13:00-17:00	Practical course in radiochemistry: Experiments on the discovery of nuclear fission	A. Vascon, K. Eberhardt, V. Nagel (JGU)
ab 19:00	Dinner at the Weinhaus Wilhelmi in Mainz	

Wednesday, 23.05.2012		
09:00-10:00	Talk: Radiochemistry of the Actinides	V. Brendler (HZDR)
10:00-10:30	Coffee break	
10:30-11:00	Neutron induced reactions at ELBE	R. Beyer
11:00-11:30	Status report: Compton camera	L. Lewandowski (Köln)
11:30-12:00	Development of the TCAP standard	M. Erhard (PTB)
12:00-13:00	Lunch	
13:00-14:00	Talk: Actinides – Nuclear Forensics	K. Lützenkirchen (ITU)
14:00-14:30	Accelerator mass spectrometry of the long-lived fission product ^{93}Zr and plutonium isotopes	K. Hain (TUM)
14:30-14:45	Development of a scalable Compton Camera readout for Linux	M. Winkel (TUM)
14:45-15:15	Coffee break	
15:15-16:30	Discussion: Follow-up project(s)	All participants
16:30-17:00	Conclusion	A. Junghans (HZDR)



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Participants

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