Session Program

Apr 18 – 23, 2010

RadChem 2010

Chemistry of Actinide and Trans-actinide Elements 1

Casino Conference Centre
Reitenbergerova 4/95, Marianske Lazne, Czech Republic

Mon, April 19

8:00 AM

Chemistry of Actinide and Trans-actinide Elements 1

Session | **Location:** Casino Conference Centre, Red Hall, Reitenbergerova 4/95, Marianske Lazne, Czech Republic

8:00 – 8:15 AM

New nucleus ²⁷⁷Hs: in between two islands of stability

Speaker
Prof. Andreas Türler

8:15 – 8:30 AM

Chemical identification of element 114 at TASCA

Speaker
Dr Alexander Yakushev

8:30 – 8:45 AM

Independent verification of element 114

Speaker
Dr Jan Dvorak

8:45 – 9:00 AM

Element 114 chemistry and what is next?

Speaker
Mr Alexey Serov

9:00 – 9:15 AM

Vacuum thermochromatography - theory and Monte Carlo simulation

Speaker
Prof. Ivo Zvara

9:15 – 9:30 AM

Gas phase chemical studies of superheavy elements using the Dubna Gas-Filled Recoil Separator – stopping range determination

Speaker
Mr David Wittwer

9:30 AM