

## **Session Program**

**May 11 - 16, 2014**



## **RadChem 2014**

### ***Chemistry of Actinide and Trans-actinide Elements 2***

Casino Conference Centre

Reitenbergerova 4/95, Mariánská Lázeň, Czech Republic <font color=white>

## Tue, May 13

8:30 AM

### Chemistry of Actinide and Trans-actinide Elements 2

**Session |****Location:** Casino Conference Centre, Red Hall, Reitenbergerova 4/95, Mariánské Lázně, Czech Republic**Conveners:** Prof. Ondřej Tuřík, Prof. Igor Izosimov

8:30 – 8:48 AM

#### Gas chromatography of element 113

**Speaker**

Dr Gospodin Bozhikov

8:48 – 9:06 AM

#### Adsorption behavior of super-heavy elements ( $Z \geq 112$ ) on metal and inert surfaces

**Speaker**

Dr Josef Anton

9:06 – 9:24 AM

#### Higher oxides, peroxides, and superoxides of early transuranium elements: a relativistic density functional study

**Speaker**

W. H. Eugen Schwarz

9:24 – 9:42 AM

#### Complexation And Extraction Studies Of High Valency Actinides By Salicylideneimine-based Ligands

**Speaker**

Mr Christian Bustillos

9:42 – 10:00 AM

#### On the origin of selectivity of bis-triazinyl bipyridine ligands for complexation of americium(III) over lanthanides. Quantum mechanical analysis of M-N bonds

**Speaker**

Prof. Jerzy Narbutt

10:00 AM