



# RadChem 2014

## Tuesday, May 13, 2014

### Chemistry of Actinide and Trans-actinide Elements 3 - Mirror Hall (1:30 PM - 3:00 PM)

-Conveners: Jerzy Narbutt; Ladislav Havela

| time   | [id] title   | presenter                 |
|--------|--|---------------------------|
| 1:30 P | [M64] Utilization of Technetium and Actinide Compound Synthesis and Coordination Chemistry for the Nuclear Fuel Cycle: Exploring Separations, Fuels, and Waste Forms | Prof. CZERWINSKI, Kenneth |
| 2:00 P | [M79] Solid state diffusion interactions of metallic uranium with technetium   | Prof. CZERWINSKI, Ken     |
| 2:15 P | [M29] Application of Multi-Step Excitation Schemes for Detection of Actinides and Lanthanides in Solutions by Laser Specroscopy                                      | Prof. IZOSIMOV, Igor      |
| 2:30 P | [M08] Inverse quenching effect of excited U(VI) ions by Eu(III) ions in aqueous solutions  | Dr JUNG, Euo Chang        |
| 2:45 P | [M50] Spectrophotometric and TRLFS speciation study of $\text{UO}_2(2+) - \text{ChO}_4(2-) - \text{H}_2\text{O}$ (Ch = S, Se) system                                 | Mr VISNAK, Jakub          |