

**2008 ACE Workshop  
High-Level Nuclear Waste  
Schedule  
University Place, Idaho Falls, Idaho**

**TUESDAY, MAY 6, 2008  
CHE 213**

- 8:00-9:00** Registration
- 9:00** Welcome & Introductions Dr. Bob Smith UI/CAES  
Session Chair: Dr. Darryl Butt / BSU
- 9:15** Dr. Gary Cerefice / UNLV, "Integrating Waste Management into the Fuel Cycle"
- 9:45** Dirk Gombert / INL, "An Integrated Waste Management Strategy"
- 10:15** Colleen Shelton-Davis / INL, "Waste Package System Closure Design for the Yucca Mountain Repository"
- 10:45-11:00 Break**
- 11:00** Dr. Thomas Hartmann / ISU, "The Behavior of Pb, Rh, and Te in the Vitrification Process of High-Level Waste Concentrates (HLWC)"
- 11:30** Dr. Maria Mitkova / BSU, Application of Chalcogenide Glasses for Radiation Sensing".
- 12:00-1:00 Lunch** (Box lunch to be picked up at the Bennion Student Union Building)
- 1:00-1:15** Welcome & Introductions Dr. Fred Gunnerson / UI  
Session Chair: Dr. Vince Maio / INL
- 1:15** Jun Li and Man-Sung Yim / NCS, "Analyzing Repository Impacts of HLW"

- 1:45** Dr. Mitch Meyer / INL, "Fuels and Targets for In-Reactor Destruction of Transuranics"
- 2:15** Dr. Supathorn Phongikaroon / UI, "Development of New Chemical Engineering Applications in Pyroprocessing Technology"
- 2:45-3:00** **Break**
- 3:00** Jay Roach / INL, "Cold Crucible Induction Melter"
- 3:30** Dr. Vince Maio / INL TBD
- 4:00** Dr. Thomas Hartmann/ISU, "Synthesis and Properties of Metallic Technetium and Technetium-Zirconium Alloys as Transmutation Target and Radioactive waste storage form in the UREX+1 Process"

**WEDNESDAY, MAY 7, 2008**  
**CHE 213**

**10:00-12:00 Chairs:**      **Dr. Lineberry / ISU**  
   **Dr. Darryl Butt / BSU**  
   **Dr. Fred Gunnerson / UI**

**FUTURE RESEARCH**

**Group Discussion on research collaborations-Where are we heading?**  
**Open Discussion.**

**12:00-1:30: Lunch** (on your own; brochure of Idaho Falls restaurants available on registration table)

**TAB Auditorium**

1:30-4:00: Public Forum

2:30-2:45: Break

2:45-4:00: Public Forum continued