



Nuclear Energy Research Initiative

U.S. Department of Energy
Office of Nuclear Energy (NE)

Advanced Reactor, Fuel Cycle, and Energy Products Workshop for Universities

March 20, 2007

Hilton Washington DC North/Gaithersburg
620 Perry Parkway
Gaithersburg, MD 20877
(301) 977-8900

Agenda

Tuesday, March 20, 2007

7:30 am Registration/Continental Breakfast

8:30 am Plenary (*Salons A,B,C,D*)

8:30 am Welcome Remarks

- Dennis R. Spurgeon – Assistant Secretary for Nuclear Energy

8:45 am Overview/Purpose

- Paul Lisowski – Deputy Assistant Secretary Fuel Cycle Management
- John Gutteridge – University Program Director

9:15 am Funding Opportunity Announcement / Q&A

- Beth Dahl – Idaho Operations Office

10:00 am Break

10:15 am Ten Minute Presentations on R&D Topic Areas

- Separations and Waste Forms - *James Bresee*
- Fuels - *Mitchell Meyer*
- Transmutation Science - *Ning Li*
- Systems Analysis - *William Halsey*
- GNEP Modeling and Simulation - *Kirk Levedahl*

University Workshop Agenda – Continued

- Appropriately Sized Reactors for International Deployment - *Daniel Ingersoll*
- Sodium Fast Reactor, including Advanced Burner Reactor - *James Cahalan*
- Very-High-Temperature Reactor - *William Windes*
- Gen IV Related Design and Evaluation Methods - *Hussein Khalil*
- Materials - *William Corwin*
- Energy Conversion - *Carl Sink*
- Thermochemical Cycle - *Robert Evans*
- High-Temperature Electrolysis - *James O'Brien*
- Reactor-Hydrogen Production Process Interface - *Robert Evans*

12:30 pm **Lunch** (*Salons A,B,C,D*)

1:30 pm **Break-out Sessions by Topic Area**

1. Materials - *William Corwin (Bethesda Suite)*
2. Systems Analysis - *William Halsey (Darnestown Suite)*
3. Fuels - *Mitchell Meyer (Salon E)*
4. High-Temperature Electrolysis - *James O'Brien (Rockville Suite)*
5. Thermochemical Cycle - *Robert Evans (Potomac Suite)*
6. Separations and Waste Forms - *James Bresee (Frederick Suite)*
7. Appropriately Sized Reactors for International Deployment - *Daniel Ingersoll (Gaithersburg Suite)*

3:30 pm **Break**

3:45 pm **Break-out Sessions by Topic Area**

1. Transmutation Science - *Ning Li (Frederick Suite)*
2. Gen IV-Related Design and Evaluation Methods - *Hussein Khalil (Darnestown Suite)*
3. Very-High-Temperature Reactor - *William Windes (Salon E)*
4. Reactor-Hydrogen Production Process Interface - *Robert Evans (Rockville Suite)*
5. Sodium Fast Reactor, including Advanced Burner Reactor - *James Cahalan (Bethesda Suite)*
6. Energy Conversion - *Carl Sink (Potomac Suite)*
7. GNEP Modeling and Simulation - *Kirk Levedahl (Gaithersburg Suite)*

5:45 pm **Adjourn**