

Nuclear Physics and Related Computational Science R&D for Advanced Fuel Cycles

Workshop Agenda

Thursday August 10, 2006 (Day 1—Plenary Session, Haverford/Baccarat Ballroom)

7:30 a.m. Registration and Continental Breakfast (outside Ballroom)

8:30 a.m. Welcome/Introduction— Lee Schroeder (LBNL) and Rusty Lusk (ANL)

8:45 a.m. Goals of the Workshop—DOE

Dennis Kovar (Office of Nuclear Physics)

Michael Strayer (Office of Advanced Scientific Computing Research)

Kirk Levedahl (Office Nuclear Energy and Technology)

OVERVIEW TALKS

9:15 a.m. The Global Nuclear Energy Partnership—David Hill (INL) [35+10]

10:00 a.m. BREAK

10:30 a.m. Advanced Fuel Cycles and R&D Needs—Massimo Salvatores (ANL)
[45+15]

11:30 p.m. Nuclear Measurements—Tony Hill (LANL) [22+8]

12:00 p.m. LUNCH

CONTINUE OVERVIEW TALKS

1:30 p.m. Nuclear Facilities and Instrumentation—Paul Koehler (ORNL) [22+8]

2:00 p.m. Nuclear Data—[45+15]

Part 1: New ENDF/B-VII Library—Pavel Oblozinsky (BNL)

Part 2: Actinides, covariances, neutronics—Mark Chadwick (LANL)

3:00 p.m. Perspectives from DOE—Ray Orbach (Under Secretary for
Science and Director of the Office of Science)

3:30 p.m. BREAK

- 4:00 p.m. Sensitivity/Uncertainty Methods for Fuel Cycle Analysis—Mark Williams (ORNL) [22+8]
- 4:30 p.m. Aspects of Nuclear Theory for AFC—David Dean (ORNL) [22+8]
- 5:00 p.m. Computational Resources for AFC—Rusty Lusk/Andrew Siegel (ANL) [22+8]

END OF FORMAL PRESENTATIONS

- 5:30 p.m. ‘Open Mike’—Participant Comments
- 6:15 p.m. Charge to working groups (co-chairs + panel members)
- 6:30 p.m. Adjourn for Individual Dinners + 1st meeting of Working Groups

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Friday August 11, 2006 (Day 2—Individual Working Group Meetings, Conference Level—individual meeting room TBA)

7:30 a.m. Late Registration and Continental Breakfast (on Conference Level)

8:30 a.m. Begin individual working groups (room assignments on Conference Level, see below)

- Group A—NP/ASCR Needs for AFC (Diplomat Room)
- Group B—Nuclear Measurements (Judiciary Suite)
- Group C—Nuclear Data (Congressional Room)
- Group D—Nuclear Theory/Computations (Ambassador Room)

10:30 a.m. Break (all groups)

11:00 a.m. Continue Working Groups

12:00 p.m. Lunch

1:00 p.m. Continue Working Groups

3:00 p.m. Break

3:00 p.m. to 6:15 p.m. **(Plenary Session—WG Reports, Haverford/Baccarat Ballroom)**

