

AGENDA
ADVANCED SCIENTIFIC COMPUTING ADVISORY COMMITTEE
Tuesday, February 27, 2007
American Geophysical Union - 2000 Florida Avenue, NW, Washington, DC

8:00 AM PUBLIC REGISTRATION & CLOSED-SESSION SWEARING IN OF NEW COMMITTEE

9:00 AM MEMBERS
DOE General Counsel

9:00 AM OPENING REMARKS FROM THE COMMITTEE CHAIR

9:15 AM Jill Dahlburg, ASCAC

9:15 AM VIEW FROM WASHINGTON ON THE OFFICE OF ADVANCED SCIENTIFIC
10:00 AM COMPUTING RESEARCH

Michael Strayer, ASCR

10:00 AM PRESENTATION FROM THE UNDER SECRETARY FOR SCIENCE

10:30 AM Raymond L. Orbach, DOE Under Secretary for Science

10:30 AM BREAK

10:45 AM

10:45 AM REPORT DISCUSSION ON CHARGE 1 - PERFORMANCE METRICS FOR
11:30 AM COMPUTATIONAL FACILITIES

Gordon Bell, ASCAC

11:30 AM COMMITTEE LUNCH

1:15 PM

1:15 PM MANAGEMENT PRINCIPLES FOR HPC & LEADERSHIP COMPUTER ACQUISITIONS

2:15 PM Dan Hitchcock, ASCR

2:15 PM REPORT DISCUSSION ON CHARGE 2 - EXAMINE THE ROLE AND EFFICIENCY OF

2:45 PM NETWORKING AND NETWORKING RESEARCH WITHIN SC

Ellen Stechel, ASCAC

2:45 PM SUB-SURFACE MODELING

3:15 PM Gary Johnson, ASCR

3:15 PM BREAK

3:30 PM

3:30 PM UPDATE ON SciDAC

4:00 PM Walt Polansky, ASCR

4:00 PM STRATEGY FOR APPLIED MATH PROGRAM

4:30 PM David Brown

4:30 PM PUBLIC COMMENT

4:45 PM

4:45 PM ADJOURN FOR THE DAY

5:30 PM DINNER

8:00 PM Speaker TBD:

AGENDA
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Wednesday, February 28, 2007
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9:00 AM **NEW CHARGES – COV Review of Computational Partnerships and**
9:30 AM **Joint Panel with BERAC to make recommendations with regard to how**
ASCR can accelerate progress toward GTL (Genomics) models.
Michael Strayer, ASCR

9:30 AM **OVERVIEW OF CYBER SECURITY WORKSHOP**
10:15 AM Gary Johnson

10:15 AM **BREAK**
10:30 AM

10:30 AM **OUTREACH AND COMMUNICATIONS PROJECT FOR ASCR**
11:00 AM James Corones, Krell Institute

11:00 AM **MATHEMATICAL RESEARCH CHALLENGES IN OPTIMIZATION**
11:30 AM **OF COMPLEX SYSTEMS**
Virginia Torczon

11:30 AM **PUBLIC COMMENT**
11:45 AM

11:45 AM **ADJOURN MEETING**