

**EVALUATION OF U.S. ATLAS OPERATIONS  
TO BE CONDUCTED AT ARGONNE NATIONAL LABORATORY  
MAY 11-12, 2010**

**May 11, 2010**

8:30 Executive session

9:00 **Overview of U.S.ATLAS (25'+15')**: Present status and future plans

- Update on performance to date (achievements and schedule)
- Remaining technical problems
- Milestones for FY10 and FY11
- Impact of LHC run plan
- Organization of ATLAS and U.S. ATLAS
- Program Management Plan
- Upgrade R&D

**9:40 More Specifics on U.S. ATLAS M&O Activities (25'+15')**

- Overview and developments since previous external review
- U.S. contributions to shared ATLAS M&O
- Estimates of costs for subsystems (including steady-state running)
- Milestones and deliverables for the coming year
- M&O present involvement in & future planning for scientific analysis and participation in

CERN run

10:20 Break

10:35 **More specifics on U.S. ATLAS Upgrade R&D Activities (15'+10')**

- Overview and developments since previous external review
- Milestones and deliverables for the coming year
- Impact of LHC schedule and funding guidance on upgrade R&D

11:00 **More specifics on U.S. ATLAS S&C Effort (20'+10')**

- Status of Computing in International ATLAS
- Overview and developments since previous external review
- High level overview of facilities **including** Tier-(1,2,3) usage
- Milestones and deliverables for the coming year
- Estimated costs for S&C subsystems (including steady-state operations)
- Job submission and completion metrics
- Status of software infrastructure readiness
- Status and impact of OSG deliverables and services

11:30 **Analysis Support and Readiness (20'+10') : Present Status & future plans**

Description of analysis support model

Lessons learned

Metrics and reference statistics (see attached guidance)

**12:00 U.S. ATLAS Management: Resources, Planning and Priorities (45' + 15')**

Summary of current U.S. priorities and how they are determined/maintained

Allocation of Management Reserve

Cost of running program offices

Operating needs of M&O and S&C for FY' '10 through FY '12

Overall priorities in light of possible budgetary constraints

Management reserve and contingency (and carry over)

Spending breakdown (using the standardized functional spreadsheet)

**13:00 Lunch and Executive session**

\*\*\*\*\***ATLAS PARALLEL SESSIONS**\*\*\*\*\*

(ie, M&O, SC, Management)

14:30-16:00

16:00 Break

16:15-17:-15 Parallel executive sessions

**17:15 Joint executive session and formulation of additional questions**

**18:30 Adjourn**

**May 12, 2010:**

**9:00-** answers to questions

**10:00** Report writing

**12:30** Closeout

**13:00** Adjourn