

**Fermi National Accelerator Laboratory**  
**Annual Science and Technology Review and Research Review**  
 Review Home Room, Executive Sessions, Plenary Sessions & Closeout - Comitium

*Areas which this committee will not review deeply*

- Particle and Particle Astro Theory (will be reviewed on July 25-26, 2011)
- General Accelerator Development (reviewed in January 2011)
- Computational HEP (reviewed in February 2011)

**Monday, June 6 (Plenary) Comitium (WH2SE)**

**08:30 Executive Session Comitium (WH2SE)**

09:00 Laboratory News and Programs – Pier Oddone (40' + 30')

10:10 Implementation of 2010 S&T Recommendations  
 Workforce – Young-Kee Kim (25' + 15')

**10:50 Coffee Break Outside Comitium (WH2SE)**

11:20 Accelerator Strategy – Stuart Henderson (20' + 10')

11:50 Particle Physics Research Strategy – Greg Bock (20' + 10')

12:20 Computing Strategy – Vicky White (20' + 10')

**12:50 Lunch WH2 Crossover**

01:50 Accelerator Performance – Roger Dixon (20' + 10')

02:20 Tevatron/CDF/DZero Decommissioning Plan – Rich Stanek (30' + 10')

**03:00 Coffee Break Outside Comitium (WH2SE)**

**(Parallel)**

**Breakout 1 Accelerator Science Snake Pit (WH2NE)**

03:30 Overview and Strategy – Vladimir Shiltsev (15' + 5')

03:50 Advanced Accelerator R&D Program – Philippe Piot (20' + 10')

04:20 Beam Physics and Operations Support – Alexander Valishev (20' + 10')

**Breakout 2 Generic Detector R&D Black Hole (WH2NW)**

03:30 Overview and Strategy – Erik Ramberg (15' + 5')

03:50 Microdetector Electronics – Gregory Deptuch (20' + 10')

04:20 Liquid Argon – Stephen Pordes (20' + 10')

**04:50 Executive Session Comitium (WH2SE) (90')**

06:20 Drinks Chez Leon

07:00 Dinner Chez Leon

## **Tuesday, June 7**

08:30 Laboratory Response to Questions **Comitium (WH2SE)**

**(Plenary) Comitium (WH2SE)**

### **Energy Frontier Experiments**

09:00 CDF: Operations, Physics, and Analysis Plan – Ray Culbertson (30' + 15')

09:45 DZero: Operations, Physics, and Analysis Plan – Marco Verzocchi (30' + 15')

10:30 **Coffee Break Outside Comitium (WH2SE)**

11:00 CMS: Analysis and Upgrades – Jeff Berryhill (40' + 20')

12:00 Lunch **WH2 Crossover**

### **Intensity Frontier Experiments**

01:00 Neutrino Operations – Sam Zeller (30' + 15')

01:45 Current Neutrino Physics – Jen Raaf (30' + 15')

02:30 Future Neutrino Physics – Mitch Soderberg (20' + 10')

03:00 Future Rare Process / Precision Physics – Brendan Casey (30' + 10')

03:40 **Coffee Break Outside Comitium (WH2SE)**

### **Cosmic Frontier**

04:00 Overview – Craig Hogan (20' + 10')

04:30 Dark Energy – Josh Frieman (30' + 10')

**05:10 Executive Session Comitium (WH2SE) (80')**

06:30 Adjourn

## **Wednesday, June 8**

08:30 Laboratory Response to Questions **Comitium (WH2SE)**

### **Cosmic Frontier (cont.)**

09:00 Dark Matter – Dan Bauer (30' + 10')

09:40 Cosmic Particles and New Initiatives – Aaron Chou (30' + 10')

10:20 **Coffee Break Outside Comitium (WH2SE)**

10:50 Particle and Particle Astro Theory – Stephen Parke (20' + 10')

**11:20 Executive Session Comitium (WH2SE) (40')**

12:00 Lunch **WH2Crossover**

### **(Parallel)**

#### **Breakout 1 Accelerator: Projects and Technology Development - Snake Pit (WH2NE)**

12:45 SRF – Bob Kephart (20' + 10')

01:15 Muon Accelerator Program – Steve Geer (20' + 10')

01:45 General Accelerator Development – Giorgio Apollinari (20' + 10')

02:15 **Coffee Break Outside Comitium (WH2SE)**

02:45 NOvA – Paul Derwent (20' + 10')

03:15 Proton Improvement Plan – Bill Pellico (20' + 10')

03:45 Project X – Steve Holmes (20' + 10')

#### **Breakout 2 Experiment: Projects and Technology Development – Black Hole (WH2NW)**

12:45 NOvA – John Cooper (20' + 10')

01:15 MicroBooNE – Gina Rameika (20' + 10')

01:45 LBNE – Jim Strait (20' + 10')

02:15 **Coffee Break Outside Comitium (WH2SE)**

02:45 Mu2e – Ron Ray (20' + 10')

03:15 Muon g-2 – Chris Polly (20' + 10')

03:45 DECam – Wyatt Merritt (20' + 10')

**04:30 Executive Session Comitium (WH2SE) (90')**  
Report Preparation

06:00 Adjourn

**Thursday, June 9**

08:30 Laboratory Response to Questions **Comitium (WH2SE)**

**09:30 *Executive Session*** **Comitium (WH2SE)**  
Report Preparation

11:00 Closeout with Laboratory Management **Comitium (WH2SE)** (45')

11:45 Closeout; Chair with Director – Dir Office (15')

12:00 Adjourn