



## Minutes of the Fermilab UEC Meeting on October 8, 2010

### Attending:

Todd Adams  
Michael Cooke  
Marj Corcoran (phone)  
Joe Grange (GSA)  
Dick Gustafson (phone)  
Jonathan Lewis  
Tim Linden (GSA)  
Ron Moore  
Joel Mousseau (GSA)  
Manfred Paulini  
Brian Rebel  
Mayly Sanchez (phone)  
Dave Schmitz  
Ritoban Basu Thakur (GSA)  
William Wester  
Lisa Whitehead (phone)

### Guests:

Greg Bock  
Stuart Henderson

### **Announcements – Todd Adams**

New GSA representatives (Joe Grange, Zeynep Isvan, Tim Linden , Joel Mousseau, Ritoban Basu Thakur) were introduced. Welcome and congratulations!

Dates for the remaining fall UEC meetings: Nov 5, Dec 3

At each UEC meeting, the committee hears from a leader in one of the areas relevant to Fermilab. Today's guest is Stuart Henderson, the new Associate Director for Accelerators at Fermilab. Suggestions are welcome for future guests.

Friday Dec 17 will be this year's labwide potluck and holiday party. Young-Kee again is calling for excellent skits to entertain all.

Other dates include the P5 and HEPAP committee meetings to discuss extended Tevatron operations on Oct 15-16 and Oct 26 respectively.

The US LHC Users Organization will meet at Fermilab on Oct 29-30.

## **Meet with Associate Director for Accelerators – Stuart Henderson**

Stuart Henderson, the new Associate Director for Accelerators (replacing Steve Holmes), joined as a guest to discuss plans for accelerators at Fermilab. Stuart's background includes high energy physics research at CLEO in the 1990s. It was there that he discovered his passion for accelerators and worked at CESR until 2001. He spent 10 years working at the Spallation Neutron Source at Oak Ridge, eventually as a division head, before coming to Fermilab.

He is overseeing:

- 1) The plan for near term needs of the existing facility and improvements for delivering the required beam. Issues include infrastructure aging and the improvements for the LINAC and Booster needed to increase their repetition rates.
- 2) Project-X which is preparing for demonstrating mission need to the Department of Energy and receiving Critical Decision, CD-0. Project-X is an exciting project for accelerator physicists and is one of the reasons he was attracted to Fermilab.
- 3) Advanced Accelerator R&D including LARP and other new superconducting technologies, ILC and muon collider accelerator components, and fundamental and basic research areas that will be centered at the New Muon Lab, NML, and facility.
- 4) Accelerators applied to non-HEP activities such as compact x-ray and neutron sources.

## **Chat with Fermilab Directorate - Greg Bock**

The next PAC meeting is Nov 4, 5, and 6 and several proposals have been submitted and are expected to receive consideration.

We are happy to learn that DOE has scheduled a mid-November Project-X CD-0 briefing with both physics and machine details to be presented.

Internally the lab will have the annual budget reviews of the various Divisions and Centers.

There was a recent DOE review of the non-accelerator physics programs at all the DOE labs as part of the 3-year cycle of reviews. Feedback is expected soon.

Many other items are coming up including the FRA Board meeting and visits by the CERN Director and the head of DOE's Office of Science.

## **View from Washington - Carole McGuire (Lewis-Burke Associates)**

The report from Washington was summarized very nicely in Pier's recent Fermilab Today Director's Column on October 5:

[http://www.fnal.gov/pub/today/archive\\_2010/today10-10-05.html](http://www.fnal.gov/pub/today/archive_2010/today10-10-05.html).

Basically, there are large uncertainties involved in the upcoming elections. When the current Congress returns after the election, the continuing resolution may be renewed, there might be a single omnibus bill, or other consolidations of various appropriations bills may be passed. If the CR is extended, the new Congress will have to deal with this fiscal year when it is seated.

The COMPETES legislation that was passed last summer in the House has draft Senate legislation being circulated. There is some hope that a bill can be passed this year, but there are other legislative priorities that need to be addressed before the end of the year.

The contents of the Accelerator Workshop from last December are being distributed effectively to the Illinois delegation and the around Washington.

The Administration is endorsing international partnerships and HEP does quite well as the poster child for such partnerships. Recent collaborations such as the Indian partnership with Project-X related accelerator components are an example of a positive partnership.

### **Subcommittee Reports**

#### **Non-US Users – Jonathan Lewis for Heather Gerberich**

(Subcommittee members: Heather Gerberich (chair), Jonathan Lewis, Brian Rebel, Todd Adams (ex-officio))  
Plans include advertising what visa resources are available and a second presentation by an attorney are in the works.

#### **Outreach – Manfred Paulini**

(Subcommittee members: Manfred Paulini (chair), Michael Cooke, Dave Schmitz, Todd Adams (ex-officio))  
Some general discussion of the purpose of the committee was made and a meeting will be convened soon. Joe Grange (GSA) volunteered to help with this subcommittee.

#### **Quality of Life – Michael Cooke**

(Subcommittee members: Michael Cooke (chair), Marj Corcoran, Heather Gerberich, Brian Rebel, William Wester, Todd Adams (ex-officio))  
A brief meeting with the outgoing chair was held and a next meeting will happen soon. It is emphasized that all users who have Quality of Life at Fermilab issues are encouraged to contact the subcommittee.

### **Government Relations – Dave Schmitz and Marj Corcoran**

(Subcommittee members: Marj Corcoran (co-chair), Dave Schmitz (co-chair), Dick Gustafson, Jonathan Lewis, Ron Moore, Brian Rebel, Mayly Sanchez, Lisa Whitehead, Todd Adams (ex-officio))

The Local Government subcommittee has been merged with the Government Relations subcommittee this year. The advice from Carol McGuire is that it may be better for the Washington D.C. trip to be a bit later this year (during the first two weeks of March?). The new Congress may take a little time to get organized. The committee will review recommendations from last year's chair (Heather Ray) to see what changes may be desired. Todd reported that he has already been in contact with representatives from the SLAC and USLUO executive committees with regard to scheduling the trip.

### **Users' Meeting – William Wester**

(Subcommittee members: William Wester (chair), Dick Gustafson, Ron Moore, Manfred Paulini, Mayly Sanchez, Lisa Whitehead, Todd Adams (ex-officio))

It is pointed out that the Users' Meeting is the annual Users Organization business meeting. The committee has been contacted regarding a few action items before a formal meeting by early next month. In particular, the usual first Wednesday/Thursday in June (June 1-2) will be vetted with the Directorate and other parties as the most likely date. Special emphasis will be to include graduate student participation in this coming year's meeting.

### **Report from the GSA**

The new officers are preparing for their first big event ... a Halloween Party on Friday Oct 29. They are eager to begin their work to make life for graduate students better and were encouraged to hear that they have support from the UEC.

**Next UEC meeting:** Nov. 5, 2010

**Scribe:** William Wester