

## Minutes of the January 20th 2001 Meeting of the Fermilab Users Executive Committee

### Attendees:

Dan Amidei ( <mailto:dan@fnal.gov> dan@fnal.gov)  
Peter Garbincius( <mailto:garbincius@fnal.gov> garbincius@fnal.gov),  
Sally Koutsoliotas( <mailto:koutslts@bucknell.edu>  
koutslts@bucknell.edu) (by phone),  
Jim Musser( <mailto:musser@bigbang.astro.indiana.edu>  
musser@bigbang.astro.indiana.edu) (by video),  
Larry Nodulman( <mailto:ljn@fnal.gov> ljn@fnal.gov) (chair),  
Vaia Papadimitriou( <mailto:vaia@fnal.gov> vaia@fnal.gov),  
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Rick St. Denis( <mailto:stdenis@fnal.gov> stdenis@fnal.gov),  
Benn Tannenbaum( <mailto:benn@physics.ucla.edu> benn@physics.ucla.edu)  
Gordon Watts( <mailto:gwatts@fnal.gov> gwatts@fnal.gov) (scribe),  
Herman White( <mailto:hwhite@fnal.gov> hwhite@fnal.gov),  
Philip Yager( <mailto:yager@fnal.gov> yager@fnal.gov).

### Absent:

Robin Erbacher( <mailto:robine@fnal.gov> robine@fnal.gov)

### GSA Attendees (1999-2000 GSA):

There were no GSA Attendees

Larry Nodulman called the meeting to order at 10:00 am. The meeting focused on hosting foreign visitors with visit from Roy Rubinstein, the UEC's role in planning for the future of HEP, nominations for the Bagger and Barish panel, PAC nominations, and the UEC Washington trip. There were subcommittee reports from the outreach committee, the users meeting committee, and the Young Physics committee.

### 1. Hosting Foreign Visitors at Fermilab

Earlier in the week Benn and Larry had met with Bruce Chrissman to discuss how Fermilab handles foreign visitors. Roy Rubinstein joined us for this part of the UEC meeting to continue the discussion. It was made clear that given the current program it was very unlikely any new housing would be built at Fermilab. The only way it could be imagined is as a piggy back to a new construction project, much like what was done at Argonne. The spokesperson (in particular D0) has complained that they do not have enough housing to match the demand, and on site housing is especially important for new foreign groups attempting to establish themselves in the US.

There are approximately 57 houses and apartments at Fermilab. Each year, anywhere from 2 to 10 of them are empty and may be reallocated. Roy (consulting the UEC chairperson) decides how to allocate the houses to the experiments based on the number of applications from each experiment. The spokespeople of the experiments are then asked to assign particular people to the houses. Last year there were 3 empty houses, but over 50 applicants.

Roy said that the spokespeople do have the ability to not renew a group or individual's lease. This would provide a mechanism for removing some of the more well established, long term groups. However, Roy said, the housing office hasn't really made this public knowledge, and so that option has never been used by the spokespeople.

Larry will draft a letter to the spokespeople of the large experiments at Fermilab to start a discussion on how to handle this. A letter of recommendation to the housing office on policy will be discussed at the next meeting.

As a side note, Fermilab must retain 100% occupancy in the housing. When they don't, they lose the ability to cosign off site leases (most frequently for students who have just moved here and are otherwise unknown to the US credit history system).

Inquiries were also made into extending the Hack's hours of operation. Several mentioned that informal discussions indicated that Fermilab was already looking at the Hack's operating budget. There are several options. It may be decreased to fund other things, or it's hours may be left as is. To get the hours increased, however, would require a strong statement from the UEC, and would come at the expense of another program. It was decided that more information was needed as per user's requirements, and that Benn and Gordon would collect this information.

Finally, offset transportation was discussed. As it stands, Fermilab cannot use DOE money to fund offsite transportation. However, BNL does: on weekends they have an offsite bus which will take people to a grocery store, for example. Roy and Benn will follow this up to understand how it works.

It was noted there are some options currently. First, private taxi's will pick up and drop off people at Fermilab at a reasonable rate. However, it can take up to an hour to get a taxi. Also, there is a PACE bus that goes right by the east gate of Fermilab.

The visa discussion is ongoing. It was noted that at one point Fermilab ran out of H1 visas last year, which may have generated the H1 visa delay that people have complained about.

## 2. How should the UEC participate in the HEP Planning Process

Dan reported on some thoughts on how the UEC might contribute to the ongoing discussion leading up to Snowmass. He presented a short talk (which can be found at xxx). He talked about the physics and political dynamics of the Linear Collider, and its potential effect on the US HEP program from now till 2020. He suggested a number of considerations besides physics and machines which should play a role in US HEP strategy, and a hypothetical evolution based on those. The hope is there is physics structure below 500 GeV, and the fear is there is nothing. He explored several scenarios of LC host countries, with the nightmare situation being the US no longer capable of building a high energy accelerator any longer. It was

also noted that Tesla will submit a design report to the German government in about 40 days, and the rumored cost is about 3 billion, US. Dan proposed an alternate future with an energy frontier machine, and discussed its implications.

The Bagger and Barish HEPAP subpanel is being formed (<http://www.pha.jhu.edu/panel/>) and the UEC has been asked for nominations. The request was circulated to the Fermi users list. A first pass at a list of people for the UEC to recommend was formed. It will be circulated by email in the next few days, and voted on by email as well.

### 3. PAC Nominations

Five people will be recommended for the PAC. Benn and Gordon promised to write a paragraph for the recommendation. It will be circulated and discussed by email.

### 4. The Washington Trip

Herman gave a report on the upcoming Washington trip. The SLAC users group (SLCO) has been contacted, as has Fermi's lobbyist, April Burke. April will travel to Fermilab for a discussion with the UEC at one of the next meetings. Herman and Larry have met with Mike Witherell to discuss the trip. Mike will talk to Dorfan to make sure SLAC and Fermi are coordinating. Last year the budget process started when the president submitted the budget on Feb 7, and the congressional budget session started. It took until April to finish up. Final markup occurred in May and June. It is expected this year will be similar, even with the new administration.

The timing of the visit was discussed. The APS meeting is May 28-April 1, and thought to probably be too late in the process to have the greatest impact possible. DPF's congressional visit day and reception date haven't been set yet. DPF may concentrate on Snowmass this year instead. Currently the initial proposal for the trip is to be May 27-29. April has been consulted, and will tell the UEC more when she visits.

To do this to best possible effect, coordination must be done with many other groups, including URA, OMB, NSF, DOE, OSTP, and University groups and lobbyists. It was noted that last year the presence of students was especially important.

### 5. Committee Reports

#### Outreach

Vaia reported on the activities of the Outreach committee. Two tours, at CDF and D0, occurred last month. The first, at CDF, was just before Christmas. At the 1pm time 37 people attended, and at 3pm 14. There were several problems corrected before the second tour (meeting with Judy Jackson): the signs directing people were too small, the 3pm time was too late, and the time of the first tour was not correctly printed in the advertisements sent out to local papers. When the second tour

occurred, at D0, about 35 people attended both the 10am and the 1pm tours. Several different sites are being considered for the next tour: MiniBoone, DONUT, and KTeV.

The current blasting for Minos was discussed. The blasting can be felt outside the lab, and the lab has arranged public hearings. The level of information given out about what they were doing was discussed. Peter will investigate.

Vaia has also attempted to contact the SPS. A message to the AIP went unanswered, however talking to M. Bardean, who heads Friends of Fermi, proved very useful. She will follow up these discussions.

Larry will invite Judy Jackson to the next UEC meeting.

#### User's Meeting Committee

Peter reported on the activities of the User's Meeting committee. Discussions with people around Fermilab seems to indicate that a one day meeting is desirable this year. The best time is thought to be before the PAC meeting and Snowmass, which puts it mid-May to mid-June. A proposed date will be discussed at the next UEC meeting.

The agenda would include the standard items like the State of the Lab, and the View from Washington. It was thought to be a good idea to concentrate on the luminosity upgrades that are required for the accelerator for Run 2b (the list is large). At the time of the meeting, the experiments CDF and D0 will only just have started to collect data, and will not have much new to show.

There are a current series of future-of-the-field talks going on right now at Fermilab. It was thought that the user's meeting could be the culmination of this, and end in a final, full-field discussion just before Snowmass started. Peter will explore this with Chris Quigg and others.

A small amount of time was spent discussing how the GSA should fit in. Unfortunately, none of the GSA representatives were present. They will be appropriately contacted.

#### Young Physicists Committee

Rick reported on efforts to increase attendance at the seminars at Fermilab. The NALCAL list of activities is now sent to the user's list in the form of a daily reminder. Transportation to and from the talks were discussed. The hack, walking, and car pools were all considered. Due to the time of the talks, however, it was decided to stick with car pooling and walking for now. The committee will concentrate on getting the word out on the Line Drive talks current on-going (discussions of the LC), and once those are over will concentrate on either the colloquia or the Friday Wine & Cheese.

The idea of a Town meeting was also discussed. This crossed also into the Outreach committee (internal outreach). Alvin Tollstrup is currently arranging a town meeting on accelerators (in about a month). It was thought the efforts should be combined. Rick will follow this up.

The committee has not yet had time to explore inviting speakers from industry. It was questioned by members of the UEC if that is the proper thing for the UEC to be pushing for.

x. AOB

The Dec 8th meeting minutes had an error. The Harold Varmus article appeared in the Washington Post, not the Washington Times. The UEC apologizes for the error.

The fermilab online telephone book won't post user's pager numbers or other contact numbers. This will be investigated.

The next meeting is tentatively scheduled for March 10th. It will be circulated by email for further comment.