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**Announcement of
PTCOG X meeting at Fermilab**

April 3rd & 4th, 1989

The next meeting of PTCOG will be held at Fermilab (Batavia, Illinois) on Monday April 3rd, starting at 8:30 am, & Tuesday April 4th, ending about 1:00 pm. The meeting will held in the Wilson building (the “high” rise) at Fermilab, mostly in Curia II, which is on the 2nd level at the rear of the building.

A preliminary and tentative agenda is attached. A central focus of the meeting will be to have a review of the proton synchrotron, which was designed at, and is now being tested at, Fermilab for Loma Linda University. A visit to the actual synchrotron is included. As always, we will leave time for members’ contributions. Please let your PTCOG secretary know of any thoughts you might have concerning this agenda, any additional or alternative topics you would like considered, and any presentations you might wish to make, or see made. Please do so immediately, so that the final agenda can be circulated soon.

Hotel and travel

A block of rooms has been reserved for the nights of Sunday April 2nd and Monday April 3rd at the Best Western Fox Valley Inn (~5 km. from Fermilab) under the name of PTCOG at \$33 per single room per night (\$37 double). Call them directly at (312) 851-2000 to make your reservations. These rooms will be held until March 20th. Please reserve yours in good time.

Transportation by van/limousine from Chicago’s O’Hare airport to Fermilab or to the hotel can be reserved:

Airtran O’Hare (van) for reservations: 1-800-851-0200
For pickup when at airport: 1-800-972-0500

West Suburban Limo for reservations: 1-800-345-5466
For pickup when at airport: 1-800-972-5466

In the past we have arranged a van to be available to take members from the hotel to the lab. and back. However, this has been little used and last nobody used it at all! Presumably there is a high enough incidence of rental cars to make a van unnecessary, so we will not provide one this time. If any member is staying in the hotel and needs a ride to the laboratory, please come to the lobby at about 8:20 am and your needs will be met.

Registration

As usual, we will be providing food and beverage during breaks, lunch on Monday and a splendid dinner on Monday evening. Your part in all of this is to be ready to pay (by cheque or cash) a modest registration fee, the amount of which has not finally been determined but, at the 95% confidence level can be said to be $\$60 \pm 15$. The registration fee should be presented at the registration desk on the lobby just outside the meeting room (Curia II).

Prediction of Attendance

Dr. Arlene Lennox of Fermilab has offered to help plan the meeting. It would greatly help us if you would fill in and send the attached form, or call in the information to Dr. Lennox. Please do not bother to do so, no matter the level of your regret, if you can not come the meeting at all.



**Agenda for the
X'th meeting of PTCOG
Fermilab, April 3rd & 4th, 1989**

*All meetings in West 1, which is on
The 1st floor of the Wilson
Building (high-rise) at Fermilab*

Monday April 3rd (morning session)

8:30 am *Registration in lobby (2nd floor, outside meeting room)
fee is \$60; this covers, meals, cocktails & breaks - \$20 per additional dinner gues.
Sign up for one of tow tours of the Loma Linda proton synchrotron (12:45 or 5:45)*

Review of current status of Loma Linda project

8:45-9:15	Loma Linda Accelerator Project [Livdahl] background review
9:15-10:15	System Performance [Orr] source LEBT RFQ Injection system Vacuum system Position monitoring system Rf system Control system
10:15-10:35	discussion
10:35-10:55	<i>break</i>
10:55-11:30	Extraction System [Teng]
11:30-12:00	Switchyard [Livdahl]
12:00-12:45	<i>break for lunch</i>
12:45-2:00	Visit to Loma Linda proton synchrotron (first group)

Monday April 3rd (afternoon session)

2:00-2:30 Status of Gantry and Buildings at Loma Linda [Livdahl, Slater]

Plans for testing and commissioning the accelerator and associated equipment

2:30-3:10 Accelerator Development Testing [Orr]
Accelerator Acceptance Testing [Livdahl, Miller]
3:10-3:40 Agenda for Nozzle Testing at Fermilab [Coutrakon]
3:40-4:00 break
4:00-4:30 Shielding studies at Fermilab [deLuca]
4:30-5:05 Radiobiology [Archambeau, Robertson]
5:05-5:25 Scanning Beam System [Schultz, Young]
5:25-5:45 Scan Beam Calibration Model [Miller]

5:45-7:00 Visit to Loma Linda proton synchrotron – second group – who will be regrettably late for the:

6:30 *Cocktail hour in a location to be announced – followed by:*
7:30 *Dinner, also in a location to be announced*

Tuesday April 4th (morning session)

7:15 am Breakfast meeting of the PTCOG steering committee – location to be announced
steering committee members are :
Jim Slater (chair) Jose Alonso Henry Blosser
Richard Wilson (co-chair) Bill Chu Dan Miller
Michael Goitein (secretary) Mary Austin-Seymour Jo Castro

Plans for the Loma Linda Facility

8:45-9:15 Patient Handling & Patient Alignment System [Slater, Miller]
9:15-9:45 Clinical Plans at Loma Linda [Slater]

Session on gantries & beam delivery “nozzles”

9:45-10:30 Loma Linda gantry/nozzle design [Little, SAIC]
10:30-10:50 *break*
10:50-11:15 Beam delivery system (& update on ACCTEK) [Martin]
11:15-11:35 Tests of combined scatterer/modulator for Proton Radiotherapy [Gottschalk]
11:35-12:00 Experimental program for proton beam scanning at PSI [Pedroni]

Other PTCOG members’ presentations

12:00-12:20 Medical Accelerator Projects at Michigan State [Blosser]
12:20-12:35 Plans for a new Proton Medical Facility [Dobin, Carb – Chicago]
12:35-12:50 *any other members’ presentations*

12:50 pm Organizational matters

Role of PTCOG working groups
Future meetings
Next: PSI, Villigen, Switzerland Sept 18-20, 1989
Then: Loma Linda, spring 1990, date to be fixed at this meeting
Then: site and date to be fixed at this meeting
Other business

1:30 pm *adjourn*