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**Final Announcement of  
FERMILAB IV meeting  
June 26<sup>th</sup> & 27<sup>th</sup>, 1986**

A meeting of PTCOG will be held at Fermilab on Thursday June 26<sup>th</sup> (starting at 8:30 am) and Friday June 27<sup>th</sup> (ending about 1:30 pm). All meetings will be held in Wilson Hall (the hi-rise building) – maps, and the agenda for this meeting are enclosed.

Dinner will be served at the Fermilab on Thursday evening, followed by an informal after-dinner gathering to give members a chance to talk with one another in a relaxed setting facilitated by appropriate refreshments. A \$25 contribution will be collected at the time you register for the meeting to help defray the costs of refreshments and meals.

A block of rooms was reserved for the nights of Wednesday June 25<sup>th</sup> and Thursday June 26<sup>th</sup> at the Best Western Fox Valley Inn (~5 km from Fermilab) under the name of PTCOG at \$30.69 per room per night. The deadline for making reservations for the guaranteed rooms as passed but, who knows, it may not be too late to call them (at (312) 851-2000) to make reservations.

Transportation by limousine to Fermilab can be reserved:

Airtran O'Hare	1-800-851-0200
West Suburban Limo	1-800-345-5466

(If some subset of the participants have rented cars it will help our return from Fermilab to the hotel on Thursday night after the soireé.)

## FERMILAB IV AGENDA

**Thursday, June 26<sup>th</sup>** (meetings in Wilson Hall, Curia II – all day)

8:30-9:00am Registration (second floor lobby outside Curia II)

Fermilab Design Study for Loma Linda Medical Center (detailed list of speakers follows this agenda)

9:00-9:45	Introduction, discussion of clinical objectives	J. SLATER, Loma Linda
9:45-10:45	Accelerator design	Fermilab design team
10:45-11:00	<i>coffee break</i>	
11:00-12:30	Accelerator design (continued)	
12:30-1:30	<i>Lunch</i> (second floor lobby)	
1:30-3:30	Facility design	Fermilab design team
3:30-3:45	<i>coffee break</i>	
3:45-4:45	Cost estimates	Fermilab design team

Presentations by PTCOG members of current activities (15 min each)

4:45	ACCTEK progress	R. MARTIN
5:00	Superconducting synchrocyclotron studies	H.BLOSSER, Mich. State
5:15	progress	K. THOMAS, Brobeck
5:30	Comparison of small Carbon & proton beams	W. CHU, LBL
5:45	Experience with conformation radiotherapy with pions and its relevance to the proton project at SIN	H. BLATTMANN, SIN

Second floor lounge, west side of central building:

6:00pm	<i>Cocktails</i>
6:30pm	<i>Dinner</i>
7:30-9:30pm	<i>Informal discussions</i>

Working groups

8:30-11:30	Parallel sessions of the three working groups:	<u>Location</u>
	Accelerator      Detailed review of Loma Linda design study with members of the Fermilab design team	Snake pit
	Facilities      Review of draft report of the working group and discussion of the Loma Linda design with members of the Fermilab design team	Comitium
	Clinical      Discussion of clinical utilization of a proton medical facility, with special reference to	15 <sup>th</sup> floor conference room
		the Loma Linda proposed facility (east side)
11:30	<u>coffee</u> (second floor lobby, west side)	

Whole group reconvenes in the Curia II

12:00-12:45	Brief reports from the three working groups to the membership
12:45-1:30+	Whither PTCOG? – a discussion of the members' wishes for the future activities and emphasis of the group
by 2:00 pm	<i>meeting adjourns</i>

## PTCOG MEETING AGENDA

FERMILAB TEAMAccelerator Presentations

General Introduction	Livdahl	9:45 – 10:15
Accelerator Physics	Teng	10:15 – 10:45

Coffee

## Systems

Injection System	Owen, Curtis	11:00 – 11:20
Magnet System	Niemann, Trendler	11:20 – 11:40
RF	Griffin	11:40 – 12:00
Instr. & Control	Shea	12:00 – 12:20

LunchFacility Presentations

General Description	Miller	1:30 – 2:20
Beam Transport Design	Malensk	2:20 – 2:30
9 Bend analytical desc.	Mills	2:30 – 2:40
Beam Elements	Palmer	
Beam Delivery System	Awschalom	2:40 – 3:30
Pt Handling & Align	Awschalom	
Instrumentation	Awschalom	
Static & Dynamic Sys.	Awschalom	3:30 – 3:45
Shielding	Freeman	
	Elwyn	
	Awschalom	

CoffeeCosts

	Cole	3:45 – 4:45
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