

Approximate Calendar of Workshop Events

- Students arrive Sunday night

DATE	Monday June 11	Tuesday June 12	Wednesday June 13	Thursday June 14	Friday June 15
8:30-9:30	Ice-Breaker/Intro	Introduction to the Standard Model	Astrophysics/ Cosmics discussion:	Discussion of data analysis	Examine data from trial runs & post to the web
9:30-10:30	Overview: Prof. Van Kooten	Basics of Web Page design Prof.----- (TBA)	Solar lab tour	Examine data from trial run #1 Post to web	
10:30-11:30	PMT discussion -Cherenkov Radiation -Plateauing -Assembly - Gluing	Web page design work	Electronics discussion Prof.----- (TBA), D3	Beams and accelerators Prof. ----- (TBA) (RP?)	Cyclotron tour
Lunch					
12:30-1:30	Swain Tour (->1:00) -visit to prototype 2000 -basement -re-group Group instructions	ACTIV: Construction of metal framework: Groups B & T Light guide to PMT gluing: Groups U & D	ACTIV: Assembly of rack electronics modules connected to 1st prototype: Groups B & T Wrap detectors: Groups U & D	ACTIV: Connection of rack electronic modules to two new detector arrays. & Final assembly. All groups	Assemble take-home units Breadboarding? All groups
1:30-2:30	ACTIV: PMT Plateauing Groups B & T Scintillator to light guide gluing: Groups U & D	Groups rotate	Groups rotate		
2:30-3:30	Groups rotate	Additional web page design work: All groups 3:15 Web update	First Trial Run Experiment #1 (prototype #1): All groups 3:15 Web update	PMT Plateauing of new set-ups 3:15 Web update	Preview of Fermi
4:30-6:30	Afternoon activities: See below**	Afternoon activ.'s: Spelunking	Afternoon activ.'s: Wall climbing	Afternoon activ.'s:	To FERMI ***
Supper	Dave's for BBQ				
7:30-	Union	IU Rec. center	Observatory (weather permitting) Kirkwood	Final Assembly & Trial Runs of both prototypes BT & UD	

*weather permitting

** Afternoon and evening activities: Teachers will pair to a variety of tentative activities *such as*

- Spelunking (caving) at Salamander cave or at Spring Mills S.P.
- Wall climbing at Hoosier Heights
- Horseback riding at Spring Mills S.P.
- Tour of campus
- IU Student Union for bowling, pool, games
- IU Rec. Center
- HPER
- High dive pool*
- Kirkwood Observatory

****Students will return to Bloomington/ Elkhart on Saturday night at 8:00/ 6:00. A separate van is being arranged to take Elkhart students straight to Elkhart following the tour of Fermi. All other students will return to Bloomington.