

## CROP Summer Workshop Agenda

<b><u>MONDAY, JUNE 6, 2016</u></b>			
9:00-9:15	Participants arrive, nametags, welcome JH 149		
	<b><u>New Students</u></b>	<b><u>2nd Year Students</u></b>	<b><u>3-year Experts</u></b>
9:15-9:40	HW Set A - JH 149	HW Set I - JH145	Set up 3-day experiments Life Time Muon - JH137
9:45-10:45		Guest Speaker - COE Ambassadors - JH149	
10:50-11:50	Pre-Test and Survey - JH 149	Pre-Test and Survey (If you have not yet)	Set up 3-day experiments - JH137
12:00-1:00	LUNCH		
1:00-2:00 2:00-3:00	Oscilloscope Lessons - JH 141	1:00 Charged Particles in Matter - Dan JH 145 2:00 Scintillator Polishing JH - 141	Help O-scope Lessons  Check data
3:00-4:00	Cosmic Ray Signals & Background - Dan  JH 145	Wrapping, Light-leak testing  JH 141	Setup up overnight run help wrapping

**TUESDAY, JUNE 7, 2016**

	<b><u>New Students</u></b>	<b><u>2nd Year Students</u></b>	<b><u>3-year Experts</u></b>
9:15-9:30	HW Set B - JH247	HW Set II - JH245	Check overnight run JH137/JH174
9:30-10:30	Scintillators & PMTs - Greg JH247	Polishing & Wrapping Counters JH141	Start New Run Help Polishing, Wrapping
10:30-12:00	Scintillator Signals, Light Leak Tests JH247	Threshold Scans JH174	Help Light Leak Tests
12:00-1:00		LUNCH	
1:00-2:00	DAQcard and LabVIEW Software - Ankit JH247	Threshold Scans, Efficiency JH137/JH141/JH174	Help w/polishing and Wrapping Counters JH141
2:00-2:05		BREAK	
2:05-3:15	Threshold Scans, Efficiency Tests JH137/JH141	Charged Particle Detectors - Greg JH245	Help w/polishing
3:20-4:20	The Cosmic Ray Spectrum - Dan  JH247	Efficiency Measurements, Polishing	Check Data Set up overnight run

**WEDNESDAY, JUNE 8, 2016**

	<u><b>New Students</b></u>	<u><b>2nd Year Students</b></u>	<u><b>3-year Experts</b></u>
9:00-10:40	Single Rates, Coincidences, Efficiency Tests JH137/JH174	Presentation of Data Analysis - Zach 10:00-10:40 - JH145	Check overnight run  Analyze data
10:40-11:20	Counting Experiments/Stats-Part I - Dan JH 149	Threshold Scans, Efficiency  JH137/JH141/JH174	Analyze Data
11:20-11:45	Setup mini-experiment	Setup mini-experiment	Prepare Presentation
11:45-12:45	LUNCH		
12:45-1:15	Discuss results of mini-experiment - JH149	Change setup, continue run	Discuss mini-experiments w/1st yrs. JH149
1:15-1:20	BREAK		
1:20-2:00	Counting Experiments/Stats-Part II - Dan JH149	Discuss results of mini-experiment  JH145	Discuss mini-experiment w/2nd yrs. JH145
2:00-2:30		Presentations by 3-yr experts - JH149	
2:30-3:00	Q&A Session, Clean-up, Adjourn-JH149		
3:00-4:00	UNL Campus Recreation Outdoor Adventures Climbing Wall Activity		