

CROP Fall Saturday Workshop

Saturday, October 4th 2014

Time	Activity	Location
8:30 – 9:00	Participants arrive, paperwork, nametags	A-M
9:00 – 9:10	Welcome and review agenda	A-M
9:10 – 10:00		

<p>Only for new participants:</p> <ul style="list-style-type: none"> - Pre-workshop assessments & background survey - <i>Marisol</i> 	<ul style="list-style-type: none"> - Lab activity set up – lab rooms
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10:00 – 10:10	Break
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10:10 – 11:00

<p>Only for new participants:</p> <ul style="list-style-type: none"> - Scintillators and phototubes & Oscilloscope Activities (30 min) - <i>Zack, Savanna</i> - CROP Data Acquisition Software and CROP website (20 min) - <i>Soundar</i> 	<ul style="list-style-type: none"> - The Particle Zoo (40 min) - <i>Dr. Claes</i> - Lab activity: run check (10 min)
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11:00 – 12:10

<p>Only for new participants:</p> <ul style="list-style-type: none"> - History of cosmic rays and particles (40 min) – <i>Dr. Claes</i> 	<ul style="list-style-type: none"> - Data Analysis: Statistical error (30 min) – <i>Dr. Snow</i> - Lab activity: run check (10 min)
<p>Calorimetry & Showers: The world’s collider detectors (30 min) – <i>Dr. Snow</i></p>	

	<ul style="list-style-type: none"> - Lab activity: run check (10 min)
12:10 – 1:00	Lunch

1:00 – 2:00

Guest speaker: Becton Dickinson CO.

2:00 – 2:10	Break
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2:10 -2:40

<p>Only for new participants:</p> <ul style="list-style-type: none"> - CROP Data Acquisition Software Practice (30 min) - <i>Soundar</i> 	<ul style="list-style-type: none"> - Lab activity: Last run check and STOP! Data collection and Analysis (30 min)
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2:40 – 3:15

Lab run data summary and report

A-M

3:15

Q&A and Wrap up

A-M