

<p>1</p> <p>Wednesday June 26, 2002</p>	<p>-</p> <p>-</p> <p>-</p> <p>-</p> <p>-</p> <p>-</p> <p>-</p> <p>-</p> <p>-</p>	<p>Introduction to program Loken</p> <p>talk: <u>The Standard Model of Particle and their Interactions</u>: Hinchliffe</p> <p>computer activity: the Particle Adventure with worksheet or guide</p> <p>worksheet activities: Conservation Rules, Building Blocks and Connection Rules</p> <p>talk: <u>Introduction to Relativity</u> Smoot (Building 2 – 100B)</p> <p>activity: momentum vs. energy plot</p>
<p>2</p> <p>Thursday June 27, 2002</p>	<p>-</p> <p>-</p> <p>-</p>	<p>talk: <u>The Standard Model of Particle and their Interactions (continued)</u>: Hinchliffe</p> <p>talk: <u>Introduction to Particle Detectors</u>: Spieler</p> <p>activities: cloud chambers, helmholtz coils, scintillation and silicon detectors with radiation source and various shields Fred Oswald</p>
<p>3</p> <p>Friday June 28, 2002</p>	<p>-</p> <p>-</p> <p>-</p>	<p>talk: <u>Introduction to Particle Accelerators</u>: Alonso</p> <p>Tour of ALS and 88" Cyclotron</p> <p>worksheet activity: Particle Grafitti, top quark Lego plot Forttrell</p> <p>ES&H Introduction Building 51 - 201</p>
<p>4</p> <p>Monday July 1, 2002</p>	<p>-</p> <p>-</p> <p>-</p>	<p>talk: The Matter with Antimatter (BaBar) Roe</p> <p>talk: Neutrino Oscillations introduction: Murayama (Building 2 – 100B)</p>
<p>5</p> <p>Tuesday July 2, 2002</p>	<p>-</p> <p>-</p> <p>-</p>	<p>fieldtrip: Stanford Linear Accelerator Center Arrive at SLAC at 10:00 using LBNL bus</p>
<p>6</p>	<p>-</p>	<p>talk: <u>Cosmic Microwave Background</u>: Lee</p>

Wednesday July 3, 2002	- - - -	project:
7	-	talk: <u>Introduction to Relativity</u> (continued) Smoot (Building 2 – 100B)
Monday July 8, 2002	-	project:
8	- -	talk: <u>The ATLAS Detector</u> : Garcia-Sciveres
Tuesday July 9, 2002	-	project:
9	-	Talk: <u>Overview of Berkeley Lab</u> : Loken
Wednesday July 10, 2002	- - -	talk: accelerators and antiprotons Wenzel
	-	Tour of Center for Functional Imaging and National center for Electron Microscopy 1:15PM
10	- -	talk: <u>Supernovae as a standard candle - dark energy</u> : Goldhaber
Thursday July 11, 2002	-	activity: Hubble Constant Activity, relating luminosity, red shift, and distance
	-	talk: <u>Sudbury Neutrino Observatory</u> : Marino
	-	activity:
	-	project:
11	-	talk: Medical Imaging Moses
Friday July 12, 2002	-	talk: International Collaboration in HEP Barnett