

Note: If a topic is chosen for the final paper that does NOT preclude it's being the subject of a talk by somebody else.

**April 18, 2008**

**Status of P363 Topics**

Topic	Who	Lecture Date	Final Paper
The Invention of the Cyclotron	Satomi Shiraishi	April 16	
Evidence for the Strong Interaction	Scott Wilbur	April 18	
Invention of the Cloud chamber	Ryan Keisler	April 23	
Discovery of the Neutron	Lindsey Bleem	April 23	
<b>(note - the class will be from 3:30-4:50pm in KPTC 105 this once)</b>			
Discovery of the Muon	Zaid Alawi	April 25	
Discovery of the Pion	Anton Kapliy	April 30	
Dark Matter	Grant Larson	May 2	
Discovery of the Kaons	Emily Conover	May 7	
Isospin	Carlos Orellana	May 9	
Spin and Statistics	Jian Tang	May 14	
Discovery of the Positron	Michael Miller	May 16	
Partons and Bjorken scaling	Wes Ketchum	May 21	
Neutral Weak Current	Ben Duval	May 23	
Superallowed Beta Decay	Matt Sternberg	May 28	
<b>Final Paper Topics (Due June 4- day of the last lecture)</b>			
The GZK Cutoff			Emily Conover
Isospin			Ben Duval
Discovery of the Top Quark			Anton Kapliy
The GZK Cutoff			Ryan Keisler
Discovery of the Tau Lepton			Wes Ketchum
Partons and Bjorken scaling			Grant Larsen
Discovery of the Pion			Carlos Orellana
The Strong Interaction			Michael Miller
Higgs mechanism			Jian Tang
Higgs Mechanism			Scott Wilbur