

**PHYS 309/PHIL 389, Spring 2004**  
**Presentation Schedule:**

<b>Date:</b>	<b>Topic:</b>	<b>Presenters:</b>
3 Feb.	The Copernican Model and Kepler's Laws	Cushing, Ch. 5.
5 Feb.	Galileo on Motion	Cushing, Ch. 6.
10 Feb.	Newton's <i>Principia</i>	Cushing, Ch. 7.
12 Feb.	Newton's Law of Universal Gravitation	Cushing, Ch. 8.
17 Feb.	Some Old Questions Revisited	Cushing, Ch. 9. Brian Boone
19 Feb.	Galileo's <i>Letter to the Grand Duchess</i>	Cushing, Ch. 10. Matt Mauntel and Jeff Mullin
24 Feb.	An Overarching Newtonian Framework	Cushing, Ch. 11. Kieran Norton
26 Feb.	Determinism	Cushing, Ch. 12. Sarah Alwen and Christina Belmonte
2 Mar.	Models of the Aether	Cushing, Ch. 13.
16 Mar.	Maxwell's Theory	Cushing, Ch. 14. Joseph Hoffman
18 Mar.	The Kaufmann Experiments	Cushing, Ch. 15.
23 Mar.	The Essentials of Special Relativity	Cushing, Ch. 16. Dan Runde
25 Mar.	Further Consequences of Einstein's Postulates	Cushing, Ch. 17. Paul Robinson
30 Mar.	General Relativity and the Expanding Universe	Cushing, Ch. 18. Graham Konecki and Becky Marks
1 Apr.	The Road to Quantum Mechanics	Cushing, Ch. 19. Catherine Kennedy
6 Apr.	Copenhagen Quantum Mechanics	Cushing, Ch. 20. Nick Radcliffe
8 Apr.	Is Quantum Mechanics Complete?	Cushing, Ch. 21. Bryce Harward and Mike Miranda
13 Apr.	The EPR Paper and Bell's Theorem	Cushing, Ch. 22.
15 Apr.	An Alternative Version of Quantum Mechanics	Cushing, Ch. 23. Dan Hert
20 Apr.	The Role of Historical Contingency	Cushing, Ch. 24. Terrence Fitzgibbon
22 Apr.	Status of Scientific Knowledge	Cushing, Ch. 25.