

Course Plan: The Development of Quantum Theory

Stefanie Russ, Sommer Term 26,
Tuesdays 10-12 a.m.

No.	Date	Topic	Available/Assigned
1.	14.4.	Start	S. Russ
2.	21.4.	Introduction	S. Russ
3.	28.4.	The Copenhagen Interpretation / Schrödinger's Cat	Available
4.	5.5.	Schrödinger (First Communication)	Available
5.	12.5.	Schrödinger (Second Communication)	Available
6.	19.5.	Heisenberg's Matrix Approach	Available
7.	26.5.	<i>The work of Born and Jordan</i>	Available
8.	2.6.	Equivalence of Heisenberg's and Schrödinger's Approaches	Available
9.	9.6.	The Einstein-Podolsky-Rosen (EPR) Paradox	Available
10.	16.6.	Bell's Inequality	Available
11.	23.6.	Women in Quantum Theory: Chien-Shiung Wu	Available
12.	30.6.	C. H. Bennett et. al.: Teleporting	Available
13.	7.7.	A. Einstein: <i>On the Quantum Theorem of Sommerfeld and Epstein</i>	Available
14.	14.7.	<i>Closing and Summary</i>	