

Einstein's Relativity and the Quantum

24 Lectures	TIME	
1. Time Travel, Tunneling, Tennis, and Tea	31.49	14/8/2019
2. Heaven and Earth, Place and Motion	30.01	21/8/2019
3. The Clockwork Universe	30.32	28/8/2019
4. Let There Be Light	30.15	
5. Speed c Relative to What?	29.34	
6. Earth and the Ether – A Crisis in Physics	30.13	
7. Einstein to the Rescue	30.28	
8. Uncommon Sense – Stretching Time	30.54	
9. Muons and Time-Travelling Twins	30.10	
10. Escaping Contradiction – Simultaneity is Relative	30.17	
11. Faster than Light? Past, Future and Elsewhere	30.25	
12. What about $E=mc^2$ and is Everything Relative?	30.41	
13. A Problem of Gravity	30.21	
14. Curved Spacetime	30.29	
15. Black Holes	30.17	
16. Into the Heart of Matter	30.59	
17. Enter the Quantum	30.19	
18. Wave or Particle?	30.22	
19. Quantum Uncertainty-Farewell to Determinism	30.48	
20. Particle or Wave	31.02	
21. Quantum Weirdness and Schrodinger's Cat	29.40	
22. The Particle Zoo	30.27	
23. Cosmic Connections	30.50	
24. Toward a Theory of Everything	31.57	