

Duke Physics LTM Lab 1990 movie description.

- 00:00 LTM Lab: Xiaoyu “Mister” Li getting ready for his oral PhD exam.
- 01:35 Slides of his presentation (Quantum tunneling)
- 01:48 David Clarkson filling liquid nitrogen can.
- 01:54 Qin Xi in his lab with electronic racks, chart recorder taking data.
- 02:50 “Mister” Li’s PhD oral exam in physics faculty lounge : present: Profs. Hugh Robinson, Stephen Teitsworth, Richard Palmer, Seog Oh, and students sitting to witness exam: Jeffrey Olafsen and others.
- 03:45 Presentation by “Mister” Li begins.
- 04:45 After PhD exam, celebration in LTM workshop: Howald, Olafsen, Clarkson, Tuttle, Qin Xi, Mister Li, Dan Murphy, Orrin Day (a Physics Major), Bill Baxter (grad. student of Bob Behringer).
Uncorking Champagne. Also faculty present: S. Teitsworth, R. Palmer.
- 08:30 Humphrey Maris (Brown U.) visit. Sits in my office. Blows on a rubber balloon.
- 08:52 Humphrey discusses physics on blackboard.
- 09:10 Richard Palmer in his office, talks with Humphrey. Also in room: Bob Behringer, who then takes Humphrey to his car. It rains.
- 10:36 Advanced Physics undergraduate laboratory with students : Working on experiments: Magnet for Electron Spin resonance and NMR; microwave diffraction apparatus. Chart examination of ESR signal derivative. View of other experiments. Student works on spectroscopy apparatus.
- 15:14 Student with with eye patch. Graduate student, teaching assistant(?).
- 16:00 The end.