

Today

Tunneling of quantum particles

- Scanning Tunneling Microscope (STM)
- Nuclear Decay
- Solar Fusion

Next time: Time-*dependent* quantum mechanics

- Oscillations
- Measurements in QM
- Time-Energy Uncertainty Principle

The rest of the course:

Next week: 3 dimensions - orbital and spin angular momentum
H atom, exclusion principle, periodic table

Last week: Molecules and solids.
Metals, insulators, semiconductors, superconductors, lasers, .