**Title: Radio Waves & Electromagnetic Fields**

**Topic: Photons - Light as a Particle**

http://phet.colorado.edu/simulations/sims.php?sim=Radio\_Waves\_and\_Electromagnetic\_Fields

PhET interactive simulation

**Title: Photoelectric Effect**

**Topic: Photons - Light as a Particle**

http://phet.colorado.edu/simulations/sims.php?sim=Photoelectric\_Effect

PhET interactive simulation

**Title: Quantum Wave Interference**

**Topic: Photons - Light as a Particle**

http://phet.colorado.edu/simulations/sims.php?sim=Quantum\_Wave\_Interference

PhET interactive simulation

**Title: Neon Lights & Other Discharge Lamps**

**Topic: Emission & Absorption of Light**

http://phet.colorado.edu/simulations/sims.php?sim=Neon\_Lights\_and\_Other\_Discharge\_Lamps

PhET interactive simulation

**Title: Lasers**

**Topic: Emission & Absorption of Light**

http://phet.colorado.edu/simulations/sims.php?sim=Lasers

PhET interactive simulation

**Title: Models of the Hydrogen Atom**

**Topic: Emission & Absorption of Light**

http://phet.colorado.edu/simulations/sims.php?sim=Models\_of\_the\_Hydrogen\_Atom

PhET interactive simulation

**Title: Davisson-Germer: Electron Diffraction**

**Topic: Electrons as Waves; Probability Waves**

http://phet.colorado.edu/simulations/sims.php?sim=DavissonGermer\_Electron\_Diffraction

PhET interactive simulation

**Title: Fourier: Making Waves**

**Topic: Electrons as Waves; Probability Waves**

http://phet.colorado.edu/simulations/sims.php?sim=Fourier\_Making\_Waves

PhET interactive simulation

**Title: Quantum Bound States**

**Topic: Schrodinger Eq & Potential Energy Wells**

http://phet.colorado.edu/simulations/sims.php?sim=Quantum\_Bound\_States

PhET interactive simulation

**Title: Quantum Tunneling & Wave Packets**

**Topic: Schrodinger Eq & Potential Energy Wells**

http://phet.colorado.edu/simulations/sims.php?sim=Quantum\_Tunneling\_and\_Wave\_Packets

PhET interactive simulation

**Title: Models of the Hydrogen Atom**

**Topic: Atomic Structure**

http://phet.colorado.edu/simulations/sims.php?sim=Models\_of\_the\_Hydrogen\_Atom

PhET interactive simulation

**Title: Band Structure**

**Topic: Solids and Conductivity**

http://phet.colorado.edu/simulations/sims.php?sim=Band\_Structure

PhET interactive simulation

**Title: Conductivity**

**Topic: Solids and Conductivity**

http://phet.colorado.edu/simulations/sims.php?sim=Conductivity

PhET interactive simulation

**Title: Semiconductors**

**Topic: Solids and Conductivity**

http://phet.colorado.edu/simulations/sims.php?sim=Semiconductors

PhET interactive simulation

**Title: BEC applets**

**Topic: Bose-Einstein Condensation**

http://www.colorado.edu/physics/2000/applets\_AL.html

Physics 2000 applets