class announcement

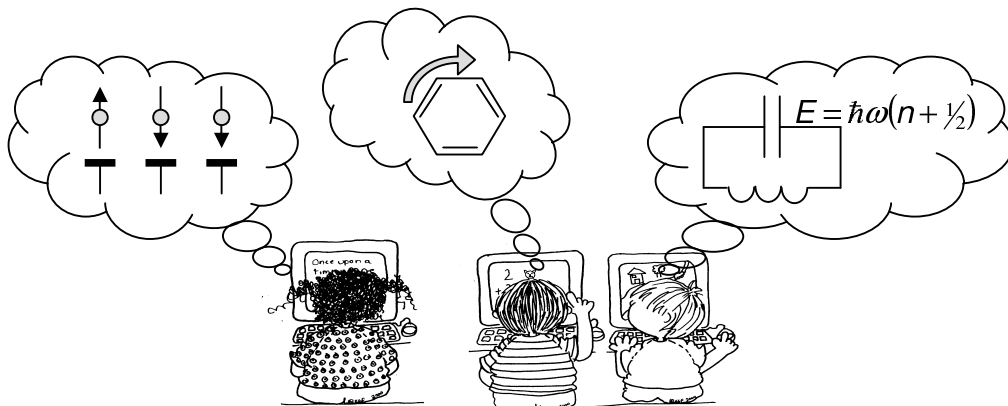# Exploring quantum physics with Mathematica

The weekly class is intended to teach things you need to participate in real-life research, and also will help you with studying advanced quantum mechanics. You will learn to use *Mathematica* to simulate and visualize quantum physics. You will discover things that are often missed even in advanced quantum mechanics classes. On examples, you will learn to solve problems of actual current interest and get ready for research in condensed-matter physics, nanoelectronics, and quantum computation.

Instructor: Leonid Pryadko
Class number: PHYS 152A, 2 units
Prerequisites: PHYS 40E, MATH 46, MATH 113 recomm.
First meeting: 1:10pm on Wed, Jan 10, 2007 PHYS 3051

Physics, Electrical Engineering and Chemistry majors are welcome