Syllabus PHYS 633

- **Subject of this course:** Quantum Mechanics
  - Perturbation theory & other approximation methods
  - Identical particles
    - Bosons & fermions
    - Spin and statistics
  - Scattering theory
  - Quantum information theory?

- **Instructor:**
  - Name: Steven van Enk
  - Office: WIL 251A
  - Email: svanenk@uoregon.edu
  - Office hours: Tuesday 2pm-3pm & Thursday 11am-noon

- **TA:**
  - Name: Jun Yin
  - Office: WIL 251
  - Email: jyin1@uoregon.edu
  - Office hours: TBA

- **Textbook:**
  - Sakurai, Modern Quantum Mechanics
    - Chapters 5,6,7 (partly)

- **Class schedule:**
  - Monday, Wednesday, 9.30 am-10.50am
  - WIL 318

- **Homework:** every other week, due Wednesday
- **(One individualized research assignment)**

- **Grading:**
  - Midterm: 25%
  - Homework: 40%
  - Final test: 35%
  - (Research assignment 10%, and renormalize back to 100%)