

# PHYSICS 55600 CURRENT TOPICS IN PHYSICS FALL 2022

## Department of Physics, CCNY

**Instructor:** Vinod Menon

Email: [ymenon@ccny.cuny.edu](mailto:ymenon@ccny.cuny.edu) (best way to reach me)

Phone: (212) 650-7443

Office Hours: Wednesdays 9:30 am – 10:30 am

Location: **CDI 2-370**

### Course Description (from Bulletin)

#### 55600: Current Topics in Physics

A seminar course on current topics in experimental and theoretical physics, with oral reports by students and faculty (required for Physics majors).

1 hr./wk.; 1 cr.

**Class Schedule:** Wednesday 11:00 am -12:00 pm MR418

Physics 55600 is a seminar course that requires students to make presentations on topics of current interest. The course structure will be as follows:

- Every week a student makes a presentation on a recent publication that has received much attention from the community.
- The paper will be posted on blackboard one week prior to the presentation.
- Every student should write a 100-word abstract/summary of the paper.
- The student making the presentation can use PowerPoint or black board or a combination of these to present the material to an audience who might not be familiar with the topic.
- Class participation by others is important and will be evaluated.
- A final conference style presentation on your topic of interest will take place in the final week.
- The course evaluation will be based on your individual presentation during the semester, the class participation, and the final conference presentation.

#### Goals:

- Familiarize with recent breakthroughs in physics
- Learn to write abstracts for talks
- Improve scientific presentation skills
- Learn basics of writing scientific papers