

Final Presentations

April 27 – May 13

Grading

The contribution to the final grade is as follows:

- Class participation (preparation and attendance): **15%**
- 4 Assignments (one per module): **10% each**
- Reports on 3 quantum talks: **10% (total)**
- Final Presentation: **35%**

Final Presentations

- **Goal:** teach your classmates about another quantum platform
 - Elements of a “lesson” rather than just a report
- **Details:**
 - 30 minutes long
 - Include a short “lesson” on the important principles behind the platform
 - Can include assignments/active learning if you wish
 - Include a discussion of the most state-of-the-art incarnation of/measurements with your platform
 - A recent peer-reviewed article should be used
 - Define and discuss the important quantum tech topics related to your platform (could be: decoherence, thermal noise/effects, loss, fidelity, indistinguishability/symmetries, etc.)

Final Presentations: what I'm looking for

- Content:
 - Clear understanding and explanations of presented physics and data
 - Formulas, figures, etc. are explained well (intuitively/didactically).
 - Also, as with papers, figures and text must legible, and figures must have axes with units.
 - Proper citations
 - Completeness
- Presentation:
 - The information is well-organized and easy for your classmates to follow.
 - Slides have the appropriate amount of information (not too much on one slide).
- Slide format:
 - Each slide should be numbered with a descriptive title.
 - Each slide has the same format (background, text, color, etc.).
 - A title, outline, and summary slide are used.
 - A summary slide should review the 3-ish main pieces of knowledge that your classmates should take away from your presentation.

Practice Presentations: what I'm looking for

- Completeness
- Solid research and effort