FY2045 Quantum Mechanics I — Reference group meeting 1

Suggestions:

- Post the suggested solutions along with the exercises
- More examples instead of only derivations
- Post link prior to question hour/session to allow for asking questions beforehand
- Formula sheet to use when working with the exercises
- Try to use physical reasoning when generalizing results
- More physical representations
- In abstract scenarios use special cases that are familiar
- Give an overview of what has just been covered instead of directly moving on to the next topic
- Give small insight into how guessing is used in physics and in QM in particular
- More exercises relevant for the exam during the lectures

Other comments:

- Having a question hour/session was a good initiative
- The repetition lecture during the first week was useful for those who have not taken Introduction to Quantum Physics
- Lecturing using the blackboard works well
- Very relaxing lectures, at times fascinating, but of course confusing at other times
- A good lecturer

Response from the lecturer:

Thank you for the feedback and suggestions, it is much appreciated, and I will try to keep the suggestions in mind going forward. In particular, I realize that the lectures so far have been very derivation-heavy, and to some extent that is how this course has to be based on the covered topics. However, I will try to include more examples along the way to hopefully better illustrate the consequences and physical meaning behind the derivations we do.

A few specific comments:

- Unfortunately, I will not post the solutions along with the exercises.
- The formula sheet from last year's exam is posted here, and will likely be similar to the formula sheet given this year.