18. **You meet an old friend for coffee. Your friend studied physics with you at the university, but after one year she dropped out to study electrical engineering instead. She is going to lead a discussion on quantum mechanics in her book-club, and she asks you to clarify why people say it is impossible to measure something without altering the measured object. How do you explain this?**
Tick all that apply.

- [ ] I ask a few questions about her current understanding on the matter, and then proceed to explain in a pedagogical way, based on her answers to my questions.
- [ ] I take out a napkin and draw a figure of a process that I believe captures the key aspects of her question.
- [ ] I arrange the cups and spoons on the table to portray an experiment with photons and electrons, and together we "simulate" what happens when a photon (spoon) interacts with an electron (cup)
- [ ] I remember that I wrote an email on this exact matter to a confused student once, so I dig it up and forward it to my friend.

19. **A tv-program on an educational channel asks you to talk about quantum mechanics and wavefunctions in particular. For different reasons, you have accepted the task, and get a five-minute section of the program where you will introduce the concept of the wavefunction.You have a team of assistants at your disposal. Who are you likely to use most?**
Tick all that apply.

- [ ] The social-media expert who constructs a tutorial which is put on facebook prior to the broadcast, and is summarized by you in the show.
- [ ] The voice-coach who helps you create a dynamic and perfectly tuned seminar, where pictures of the captivated audience are mixed with especially flattering pictures of you.
- [ ] The animator, who helps you create a beautiful 3D-video to be used in the program.
- [ ] The clown-like man who will be subject to an experiment conducted by a member of the live audience.