

What if __ is quantum:



We hope you like science fiction. Because in this problem you will create a sci-fi story.

What if something that we are familiar with and find intuitive instead starts to follow the rule of quantum mechanics? For example, what if people's perception of friendship now has elements of quantum interference and entanglement?

We challenge you to come up with a story that is based on one such idea of a common situation or activity behaving quantumly. Your story should be creative but at the same time should be based on solid scientific analysis and simulation using a quantum computer.

Some additional guidance is given below:

1. You could pursue any format of story telling. A written novel is awesome. An animation is great. An interactive game is fantastic as well! We love surprises!
2. We appreciate aesthetics but we also emphasize good humor and creativity. So don't worry if your work lacks a bit of details, like the one below on the right. We love both! Have fun and be creative!



3. It is important that the development of the story depends on a real quantum computation that you implement. For example, in the quantum friendship case described above, you could simulate a quantum circuit and use the nonclassical result to guide the story.
4. We appreciate stories that either demonstrate more advanced quantum phenomena, or use simple phenomena in a clever or unexpected way.
5. The quantum circuit component should do more than just act as a random number generator!