

Theory

- Is there a market or product? Can we work with industry? Yes (consulting with firms to translate real life problems; cloud computing, with 20 or 50 qubits, for example... what to do with them?)
- Separate pillar: Theory is everywhere, but should it be separate?
- Microsoft story: Once we have the platform, we need to write programs/"quapps" for it
- Two kinds of theory and algorithms: Modelling experiment (short term), and abstract or blue sky theory (long term perspective)
- We need fundamental blue sky research funding to maintain flexibility and remain future proof