

FM 5: Lunch Talk: Experiments for Teaching QM

Time: Monday 13:00–14:00

Location: Aula

Curious about simple experiments for teaching quantum information science?

Which experiments can be presented in lectures? Which are suited for lab-courses? With ever improving technology for experiments in quantum physics more and more of them reach a level, where the stability, robustness, and simplicity is sufficient to be useful for teaching applications. Here you find, amongst others, a source for single photons based on quantum-dots, as well as hand-on experiments for demonstrating the special properties of entangled photon pairs, and for teaching the basics of quantum cryptography.