## Quantum imaging with cameras

## Paul-Antoine Moreau Dept. of Physics, NCKU

The emergence and improvement of single-photon-sensitive cameras that can characterise spatial correlations lead to the fast development of quantum imaging. This not only allowed imaging schemes that exhibit improvements over classical methods to be devised, but also led to more fundamental demonstrations performing a fast characterisation of high dimensional entangled states. We will see a few examples of research using such cameras to perform both fundamental quantum imaging demonstrations and practical imaging improvements.