Quantum non-Gaussianity of photons and phonons

Radim Filip

Palacký University Olomouc

We will present recent theoretical and experimental achievements in a direct diagnostics of nonclassical and quantum non-Gaussian states of many photons and phonons. We will report on a detection of non-classical light already from many hundreds of single-photon emitters and quantum non-Gaussian light from nine emitters and its application.