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Modulating the quantum noise of interacting exciton-polaritons in the spontaneous emission regime with a spectral filter

Tuesday 13 December 2022 12:00 (15 minutes)

In this talk we will show how a spectral filter, together with a weak Kerr nonlinearity, can be used to tune, and improve, the photon statistics of the spontaneous emission of a strongly-confined exciton-polariton system.

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