

## **Title: New schemes for continuous variable quantum key distribution**

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Continuous variable quantum key distribution (CVQKD) based on homodyne measurements is an interesting alternative to the more common approach of discrete variable (DV)QKD based on photon counting. CVQKD has the potential of offering high communication rates over metropolitan distances. In this talk I will present some new strategies for CVQKD including squeezed state QKD, single quadrature QKD and measurement-device-independent QKD.