

Seminar

## QKD in the wild

Quantum Key Distribution (QKD) is a new approach to securely exchange keys within the presence of an attacker.

Instead of relying on conventional channels for communication QKD utilizes quantum channels. Quantum channels have several benefits compared to conventional channels especially in the presence of an attacker.

In this work practical use cases of QKD systems should be listed.

- [https://en.wikipedia.org/wiki/Quantum\\_key\\_distribution](https://en.wikipedia.org/wiki/Quantum_key_distribution)
- <https://web.archive.org/web/20070626120209/http://www.cip.physik.uni-muenchen.de/~milq/quantum>
- <http://www.nature.com/news/2010/100829/full/news.2010.436.html#B1>

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