

# Bing Qi

## Associate Professor

### Biography

Dr. Qi is a leading expert in experimental quantum communications. He is well known for his work in both discrete-variable and continuous-variable Quantum Key Distribution (QKD), including the first demonstration of decoy-state QKD, the discovery and implementation of the first successful attack (time-shift attack) against commercial QKD, the proposal of one of the first attacks on free-space QKD (the spatial-mode attack), the proposal of QKD protocols based on time and frequency coding, and the invention and demonstration of measurement-device-independent QKD. He has extensive experimental experience in discrete-variable QKD, continuous-variable QKD and quantum hacking.



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