

RISE Talks Series

- Who?** John Eickmeyer, RISE Fellow Physics
- What?** Experimental Quantum Key Distribution
- When?** 12:00-1:00 on Wednesday, March 25
- Where?** Hall of Sciences, Room 326

Quantum Key Distribution (QKD) is a multidisciplinary topic that involves classical cryptography, quantum mechanics and information theory. It is probably the most mature technology in the emerging field of Quantum Information or Quantum Computing.

After an introduction that explains what the previous two sentences mean, I will describe some recent experiments characterizing the performance of a “plug and play” QKD system that is manufactured by the company idQuantique located in Geneva Switzerland.