



QuCs is cloud based Quantum Optics Simulation software. Its common for Quantum Optics users to purchase expensive hardware to test their communication system. QuCs can assist them lowering the purchase of expensive hardware by initially simulating the components online. Quantum Key Distribution (QKD) is the highest level of secure data transfer in the industry which has been the foremost reason Quantum Optics users pursued their quest. Thus QuCs main feature is to provide an online software to enable the simulation to facilitate the setup of QKD which greatly reduces the cost of design and setup.

ACHIEVEMENT

Total fund secured RM30K

- MaGiC VLT Apprentice Program

Selected as finalist at **International Invention Innovation Competition in Canada (27th August 2016)**

Innovative Inventor Grand Award at **5th World Inventor Award Festival (WIAF) 2016 (4th Desember 2016)**

CURRENT STATUS

- Development and validation of the simulator

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