



AITOR VILLAR ZAFRA

Aitor Villar Zafra is currently working at SpeQtral (Singapore) as lead Quantum Engineer. He earned his PhD from the Centre for Quantum Technologies (Singapore). His thesis, entitled “Building Entangled Photon Pair Sources for Quantum Key Distribution with Nano-Satellites”, involved the study and implementation of space-qualified, entangled photon-pair sources for quantum communications. His work highlighted the potential and cost-effectiveness of nano-satellites to bring quantum instrumentation to space. He is now working at SpeQtral in the commercialization of quantum key distribution systems for secure networks.

