

Nano-fab for Quantum Technology

Gianluigi CASSE - *University of Liverpool, UK*

In this presentation I will describe the important role played by a nano-fabrication laboratory with the capability to collaborate efficiently both with basic research and industrial actors for developing quantum technologies (QT) devices. Such a laboratory is a key component of a sound ecosystem that aims to satisfy the request for fabrication of prototypes generated by novel ideas from fundamental research and has the technical, networking and structural capabilities for increasing the TRL level of prototypes, performing small to medium size productions and can perform knowledge transfer to larger scale industry for sizeable markets.