

## **Nanophotonic Quantum Toolkit on Fibre. Research opportunity at NTU, Singapore**

The Centre for Disruptive Photonic Technologies (CDPT) at Nanyang Technological University (NTU), Singapore, recently secured a substantial research project on proof-of-principle demonstrations of the fibre-integrated quantum devices for photon generation, switching, manipulation and detection. The Centre, a part of The Photonics Institute at NTU, is a cluster of high-end nanophotonics laboratories and nano- prototyping and characterization cleanroom, develops new photonic technologies with outlook of 15+ years. According to the QS World University Rankings NTU is ranked 13th in the world and 2nd in Asia. Working at CDPT provides exceptional personal development opportunities in a vibrant international environment (see more at [www.nanophotonics.sg](http://www.nanophotonics.sg) ).

To undertake the project we are seeking to appoint, with immediate effect, three postdoctoral research fellows/project leaders with one of the following expertises, or their combinations:

- **Quantum optics and quantum devices**
- **Quantum plasmonics & metamaterials**
- **Photonic nanodevices and nanofabrication**
- **Fiber technology, device packaging**

Candidates shall possess a PhD degree or equivalent and demonstrate strong background in photonic technologies and quantum optics. Posts will be offered for the initial period of one or two years with possible extension, subject to review. Competitive salary is negotiable depending on experience. Formal application for the posts shall be submitted to [cdpt-recruit@ntu.edu.sg](mailto:cdpt-recruit@ntu.edu.sg). For informal queries please write to CDPT Research Manager, Dr Giorgio Adamo [[g.adamo@ntu.edu.sg](mailto:g.adamo@ntu.edu.sg)].

