

Report: BQIT23 -Bristol Quantum Information Technology Workshop 2023

**Quantum Engineering Technology (QET)Labs, University of Bristol,
UK**

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10th annual conference BQIT-23 organised by Quantum Engineering Technology Labs (QETlabs) University of Bristol, Uk.

1 Introduction

BQIT-23 was 10th annual quantum information technology conference organised by QETLabs University of Bristol, Uk. Researchers participated and presented their research work in the field of quantum technology. There were around 250 young researchers as participants and around 40 experts speakers from academia and industry. Most of the speakers and participants were involved in the advanced research in quantum photonics. The conference also covered topics like

- Quantum integrated photonic chips.
- Quantum foundation.
- Quantum dots.
- Satellite quantum communication (Photonics).
- Interferometry.
- Dark matter and gravity waves.
- Quantum computing.

Lab tour was also arranged where we got opportunity to see quantum integrated photonic processor, photonic quantum refrigerators, control and readout devices.

2 Speakers

Many speakers were related to Photonics field