



## NQIT Skills Forum

June 21<sup>st</sup>, 2018

Department of Engineering Science, University of Oxford

### Programme

09:00 – 09:30: Arrival and registration

|       |  |  |
|-------|--|--|
| 09:30 | <i>Coaxial Circuits for Superconducting Quantum Computing</i>                  | Peter Spring,<br>University of Oxford    |
| 09:45 | <i>tbc</i>   | Amy Hughes,<br>University of Oxford      |
| 10:00 | <i>Verification of Quantum Computations in Early-Days Devices</i>              | Sam Ferracin,<br>University of Warwick   |
| 10:15 | <i>High-fidelity remote entanglement generation between two ion trap nodes</i> | David Nadlinger,<br>University of Oxford |
| 10:30 | <i>Gaussian Boson Sampling: Certification and Applications</i>                 | David Phillips,<br>University of Oxford  |

10:45 – 11:15: Coffee

|       |  |  |
|-------|--|--|
| 11:15 | <i>Engineering challenges to construct a large scale ion trap quantum computer</i> | Winni Hensinger,<br>University of Surrey |
| 11.45 | <i>Introduction to IBM Quantum Experience</i>                                      | IBM team                                 |

13:15 – 14:00: Lunch

|       |                                 |                     |
|-------|---------------------------------|---------------------|
| 14:00 | Careers in Quantum Technologies | Industrial partners |
|-------|---------------------------------|---------------------|

15:00 – 16:00: Networking and drinks

16:00 Close