IBM **Research** IBM Q
The future is quantum

Quantum Computing Workshop
9th April 2019 – The University of Huddersfield

10:00
Introduction to quantum computation
Introduction to Q Experience Composer*

10:30 Break

11:00
Introduction to QISKit*
Hello quantum emoticon*
Quantum computers: real vs. simulated*
Grover's Algorithm*

12:00 Lunch

13:15
Quantum computation problem domains and use cases*
Idea-generation: quantum computing uses cases

14:30 Break

15:00
Introduction to QISKit Aqua*

* Denotes hands-on practical elements

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