



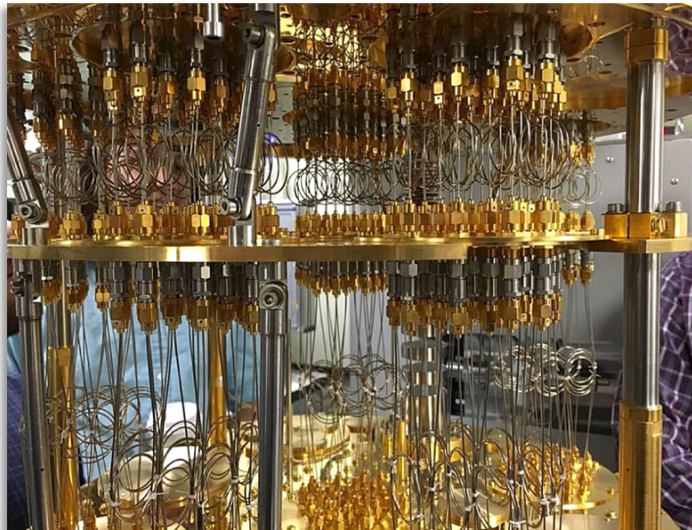
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Welcome to the EMiT@CIUK Workshop

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Quantum Computing

Wednesday 13th December 2017



Machine Learning & AI

What Is EMiT@CIUK?

- Run by the EMiT: Emerging Technology conferences series.
- Focus on emerging computing technologies:
 - Hardware
 - Software
 - Algorithms
- Committee members from academia and industry.
- Past events held in the UK and Europe
- This is the first EMiT “event in an event”, more to follow in 2018 along with another main event!

The Programme

- **Session 1 (10:00 – 11:00): Novel Computing Technologies**
- Break (11:00 – 11:30)
- **Session 2 (11:30 – 12:30): AI & Machine Learning**
- Lunch (12:30 – 13:30)
- **Session 3 (13:30 – 16:00): Quantum Computing Workshop**

Quantum Computing Hands-On Session

- Organised and co-run by IBM Research:
 - Dr Marc Ganzhorn & Dr Stefan Filipp (IBM Research Zurich)
- A first for EMI-T and (possibly) for the UK!
- This will primarily use the IBM Quantum Experience web portal.
- If you wish to join in you will need:
 - Your own laptop/tablet/phone, connected to the internet
 - **An account on the IBM QE web portal:** <https://quantumexperience.ng.bluemix.net/qx>
 - A steady lap to work on!
- If you are **really** keen you will need an installation of IBM QISKit (see flyer in registration pack)
- **An exciting and novel experience!**

