

# Quantum Inspired Optimisation: Transforming Healthcare Imaging using Quantum-accelerated Algorithms

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## 1. Abstract

Join this session to learn more about Microsoft's investment in quantum computing and see how the Microsoft Quantum team are leveraging quantum inspired optimisation techniques today to solve some of industry's most complex problems. The session will focus on the [groundbreaking collaboration between Microsoft Quantum and Case Western Reserve University](#) to enhance MRI technology through pulse sequence optimisation, reducing scan time and improving results.