

Monash University, Fujitsu and CSIRO unite to advance Australia's quantum research capability

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A new international collaboration aims to turn quantum research into jobs, skills and technological breakthroughs



The collaboration between Monash, Australia's largest university, leading Japanese information technology company Fujitsu, and Australia's national science agency Commonwealth Scientific and Industrial Research Organisation (CSIRO) will strengthen Australia's quantum computing capability by advancing quantum research, expanding training opportunities and accelerating the translation of new discoveries into practical applications.

Quantum computing could help solve some of the world's most complex challenges by enabling faster and more powerful analysis of scientific problems than is possible with conventional computing. It will be central to critical areas of research, including cybersecurity, healthcare, decarbonisation and climate science.

The collaboration supports the newly signed Memorandum of Cooperation between Australia and Japan on quantum science, technology and innovation, reflecting the growing strategic importance of quantum technologies to both countries.

Monash University will lead the establishment of a shared quantum research and education facility and coordinate collaborative training activities, creating opportunities for researchers and PhD candidates to work with Fujitsu and CSIRO on projects that advance quantum computing research and result in meaningful impact.