



News Release: For Immediate Release

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Quantum Design Partners with Chicago Quantum Exchange

SAN DIEGO, Calif. – July 7, 2020 – Quantum Design is pleased to announce its partnership with the Chicago Quantum Exchange (CQE), a growing intellectual hub for the research and development of quantum technology. In addition to becoming a corporate partner to this exciting project, Quantum Design is providing a PPMS® DynaCool to the new student laboratory that will concentrate on quantum materials learning and research.

Based at the University of Chicago's Pritzker School of Molecular Engineering, the Chicago Quantum Exchange is anchored by the University of Chicago, the Argonne National Laboratory, and the Fermi National Accelerator Laboratory. CQE and its corporate partners will advance the science and engineering necessary to build and scale quantum technologies and develop practical applications. The results of this partnership – precision data from quantum sensors, advanced quantum computers and their algorithms, and securely transmitted information – will transform today's, and tomorrow's, industries.

"Developing a new technology at nature's smallest scales requires strong partnerships with complementary expertise and significant resources. The Chicago Quantum Exchange enables us to engage leading experts, facilities and industries from around the world to advance quantum science and engineering," said David Awschalom, the Liew Family Professor in Molecular Engineering at the University of Chicago, senior scientist at Argonne, and director of the Chicago Quantum Exchange. "Our collaborations with these companies will be crucial to speed discovery, develop quantum applications and prepare a skilled quantum workforce."

Quantum Design looks at this partnership as part of its larger education initiative that it has been building on for several years. Having launched similar student laboratories at UC San Diego, Cal State San Marcos, and Columbia University, Quantum Design wants to show the importance it places on physics education for students in colleges and universities. This is all in addition to an education website they make available for students and instructors which contains free experimental modules in electrical, magnetic and thermal condensed matter measurements (<https://education.qdusa.com/>).

"Our aim is to enrich the education of Quantum Scientists and Engineers of the future by enhancing their sense of curiosity and creativity," said Stefano Spagna, Chief Technical Officer of Quantum Design. "We are extremely pleased to be part of this initiative and are committed to make it a success for the Quantum Computing community."

About Quantum Design

Founded in 1982, Quantum Design Inc. is a privately held corporation that develops and markets advanced technology cryogenic systems and instruments for the scientific community. Quantum Design is widely recognized as the leading commercial source for integrated laboratory analytical systems incorporating superconducting technology. In addition, through its strong R&D focus and direct foreign offices in the world's major technology markets, Quantum Design International has developed a worldwide distribution channel for its own industry leading instruments as well as for research-based instruments developed by other technology leaders.