



News Release: For Immediate Release

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Quantum Design International and Spin-Ion Technologies Announce Distribution Agreement

SAN DIEGO, Calif. – May 2, 2022 – Quantum Design International is proud to announce that it has entered into an agreement with Spin-Ion Technologies, a manufacturer of Helium Ion Beam material processing systems headquartered in Palaiseau, France. Spin-Ion's Helium-S systems will be distributed by Quantum Design International in China, Taiwan, Singapore, and the United States.

"Our alliance with Spin-Ion Technologies makes a lot of sense for us as many of our customers are already working with magnetic thin films and the spintronics segment of magnetic device technology," stated Aashish Chourey, Director of Business Development for Quantum Design International. "Their ability to improve performance and lower costs for the manufacture of spintronic devices and other memory applications makes them a valuable player in this field."

Spin-Ion Technologies provides a revolutionary process solution based on post-growth He⁺ ion irradiation to tailor the magnetic properties of thin magnetic films at the atomic scale and improve their performances. The utilization of light ions provides the precise control of inter-atomic displacements through the low energy transfer.

"The collaboration with Quantum Design International was obvious for us" stated Dafiné Ravelosona, CEO & CTO of Spin-Ion Technologies. "They have developed a strong worldwide distribution channel in the spintronics segment for many years now. Their magnetic characterization-based instruments are very complementary to our tool that enables engineering of magnetic properties. We are convinced that their strong knowledge in magnetic materials and spintronics will be a real asset for us to market our unique scientific equipment."

For more information visit www.spin-ion.com.

About Quantum Design International

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.

About Spin-Ion Technologies

Founded in 2017, Spin-Ion Technologies is dedicated to solving the material engineering problems of today's magnetic materials. To meet these goals, Spin-Ion Technologies has developed a new manufacturing process based on light ion beam treatment to enhance at the atomic scale the structural quality of ultra-thin magnetic materials and improve their performance. Spin-Ion Technologies is collaborating with world leaders to incorporate its solution into the manufacturing chain by offering unique ion beam technology and dedicated integrated process equipment.