

SILICON QUANTUM ELECTRONICS WORKSHOP 2026 &
INTERNATIONAL CONFERENCE ON SPIN SHUTTLING 2026

SiQEW 2026 & ICOSS 2026

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Songdo Convensia, Incheon, Korea

Exhibitor Introduction

Company Name	Equal1	Company Logo
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Exhibitor Introduction	Equal1 is a quantum computing company developing scalable, silicon-based quantum systems designed for deployment within high-performance computing and enterprise data center environments. By combining quantum research, advanced CMOS semiconductor design, and systems engineering, Equal1 is building a new generation of deployable quantum infrastructure optimized to operate alongside classical compute. Its flagship platform, Equal1 RacQ, is the world’s first rack-mounted silicon quantum computer engineered for standard data center environments.	
Exhibit Description	Meet the Equal1 team. As pioneers in silicon-based quantum computing, we're advancing scalable spin qubit systems through CMOS integration and hybrid quantum-classical architectures. Stop by to discuss our latest work in silicon spin qubits, cryogenic electronics, qubit control and readout, and practical pathways to data center-ready quantum computing.	
Exhibit Product	Equal1 RacQ is the world's first rack-mounted hybrid quantum-classical computer, purpose-built for the data center. Unlike traditional quantum systems, RacQ requires no external cryogenics, specialist facility, or dedicated quantum room. Its fully integrated cryocooler operates at sub-Kelvin temperatures entirely within a standard server rack, bringing quantum computing into existing enterprise infrastructure. At the heart of RacQ is UnityQ, Equal1's quantum system-on-chip. By integrating qubits and control electronics on CMOS silicon—the same semiconductor technology that powers today's CPUs and GPUs—UnityQ enables a practical path to manufacturing, deployment, and long-term scalability.	