



Center	Interdisciplinary Research Center for Advanced Quantum Computing
Job Title	Post-Doctoral Fellow
Job Description	The IRC for Advanced Quantum Computing is seeking a highly motivated Post-Doctoral Fellow to drive research across the center's core quantum domains: Quantum Hardware, Quantum Condensed Matter, Quantum Simulation, Quantum Sensing & Metrology, Quantum Communication, and Quantum Software. The candidate will contribute to advanced theoretical or experimental projects, collaborating with multidisciplinary teams to achieve the center's research objectives.
Job Responsibility	• Contribute to the development and implementation of research projects aligned with the Center's objectives. • Design, perform, and analyze theoretical, computational, or experimental research, as applicable to the candidate's expertise. • Author peer-reviewed publications in top-tier physics and quantum engineering journals. • Assist in mentoring graduate students, coordinating laboratory activities, and contributing to center-led workshops and initiatives. • Contribute to research proposals, technical reports, and other scholarly activities. • Support the development of research capabilities and contribute to the overall research activities of the Center.
Qualification	1. Holds a Ph.D. in Physics, Quantum Computing, or a closely related discipline, obtained within the last 3 years. 2. Demonstrates extensive expertise and an excellent research record in one or more areas outlined in the job description.