SpinQ Talk Guidelines

General Information

Speaker: Dr. Guanru Feng

Company: SpinQ Technology Co., Ltd.

Title: Desktop quantum computer in education

Duration: 60 min

Target Audience: Quantum computation educators, physicists, computer scientists, university/college or high school teachers etc.

Outcomes: The audience will learn what the desktop NMR quantum computers can fulfill in quantum computing education.

Objective: Demonstrating how quantum computing is implemented on the desktop NMR quantum computers, demonstrating the quantum algorithms that can be implemented on the desktops.

Abstract:
In this talk, the speaker will focus on desktop NMR quantum computing platforms for educational purposes. Desktop NMR quantum computing platforms provide a perfect entry point into the quantum world for learners. These platforms not only promote a firm grasp of the quantum basics but also encourage hands-on experience, which is crucial for fostering innovative minds that can further advance the field. In this presentation, the speaker will demonstrate the abilities the desktop NMR quantum computing series have in fulfilling quantum computing tasks. The desktop series can help to make quantum computing not just an abstract concept, but a relatable and tangible entity that can stimulate further exploration and research.