

****Introductory Remarks for the CUDA-Q Course****

Quantum technology is transforming industries, with the potential to solve complex problems beyond classical computing. At KAUST, we are at the forefront of this revolution, committed to advanced research and innovation. We are integrating powerful GPUs into our quantum computing efforts, where the Nvidia CUDA-Q framework plays a key role. Learning CUDA-Q will enhance your understanding of quantum applications and equip you to harness the potential of hybrid quantum-classical systems, leading to breakthroughs in computing.

Saudi Arabia is advancing quantum computing through R&D and ecosystem-building initiatives. These efforts position the Kingdom to contribute to the global quantum landscape. Your participation in this course supports those advancements.
