

## **Accelerating business impact with a problem-centered framework for quantum computing**

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In this talk, we will discuss the paramount role of problem life cycle management in the successful translation of quantum experiments and proofs-of-concept to practical applications. We will navigate through the stages of pre-quantum, post-quantum, and business-advantage phases, underlining the importance of a relentless benchmarking approach and seamless integration within the enterprise environment. As we enter an era characterized by fast-paced algorithm evolution, hardware enhancements, burgeoning data volume, and intricate challenges, we will explore how the problem-centered framework provides a novel pathway for businesses and researchers to leverage the potential of quantum computing more effectively.