

Title: Toward Practical Quantum Computing: Meeting the Challenges

Abstract: I will present some details on Fujitsu's Strategy for Quantum Computing. I will go into (i) how Fujitsu works on all aspects of the technology layers with the world's leading institutions, (ii) put emphasis on the software technologies, while working on several types of hardware, and (iii) develop applications with end users by using the Hybrid Quantum Computing Platform. I will also provide an overview of the research undertaken by the quantum team at Fujitsu Research India, Bangalore.