



Workshop on
Frontiers in Quantum Information and Technologies (FQIT)
March 26-29, 2026
Indian Institute of Information Technology Allahabad



Invited Talks

Name	Affiliation	Title
Prof. Aditi Sen De	HRI Allahabad	Spreading of entanglement in quantum nodes
Dr. L. Venkata Subramaniam	IBM Quantum	TBA
Prof. Shekhar Varma	IIT Allahabad	Quantum Approximate Optimization Algorithms
Prof. T S Mahesh	IISER Mohali	Feedback based Quantum Control and Quantum Algorithms
Dr. Anupama Ray	IBM Research	Towards Quantum Advantage
Dr. Utkarsh Mishra	Delhi University	Quantum advantage in many-body quantum metrology
Dr. Anindita Bera	BIT Mesra	Measurement-Efficient Verification of Bound Entanglement
Dr. Arpan Bhattacharyya	IIT Gandhinagar	Probing some novel transitions using Krylov Complexity
Prof. Sudhasatta Mahapatra	IIT Bombay	Quantum Computing with Electron Spins in Silicon
Prof. K P Singh	IIT Allahabad	Quantum Machine Learning (Tentative)
Dr. Varun Narasimhachar	A*STAR, Singapore	The coherent measurement cost of coherence distillation
Dr. Sai Vinjanampathy	IIT Bombay	Lie (Algebra), Haar (Randomness) and Ramsey (Metrology)
Dr. Amit Kumar Chauhan	Qnu Labs Bangalore	Quantum-Resistant Cryptography: Threats, Readiness and Challenge
Dr. Vishal Saraswat	Bosch Ltd.	Quantum Resilient Product Security
Dr. Vivek Mehta	IIT Patna	Optical Approach to Quantum Machine Learning