



International Symposium on Quantum Computing and Innovations

Date: 14th -15th July 2023

Venue: Swatantrata Bhavan, BHU, Varanasi

Program Agenda

Day 1: July 14, 2023		
1100 – 1155 Hrs	Inaugural Session by Hon'ble Dignitaries	
Vertical 1: Quantum Computing & Optimization		
1155 – 1200 Hrs	Opening Remarks by Session Chair	Prof. Bhanu P. Das CuQRE, TCG Crest, Kolkata
1200 – 1230 Hrs	Session 1	Prof. Somshubhro Bandyopadhyay Bose Institute, Kolkata
1230 – 1300 Hrs	Session 2	Prof. (Dr.) Amlan Chakrabarti Calcutta University
1300 – 1330 Hrs	Session 3	Dr. Srinivasa Prasanna V. CuQRE, TCG Crest, Kolkata
1330 – 1335 Hrs	Concluding Remarks by Session Chair	Prof. Bhanu P. Das CuQRE, TCG Crest, Kolkata
1335 – 1430 Hrs	Networking Lunch	
1430 – 1450 Hrs	Expert Talk	Prof. Kengi Sugisaki Keio University, Japan

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Vertical 2: Quantum for Strategic Sector in India		
1450 – 1550 Hrs	Panel Discussion 1 Elevating India's Strategic Sectors: Harnessing the Power of Quantum Technologies	Major General (Retd.) Ravi Chaudhary Scientist 'H', NTRO
		Colonel P. Sai Shankar VSM, Director (Signal), Indian Army
		Shri Amit Dubey National Cyber Security Expert
		Dr. Kunal Abhishek Joint Director, C-DAC Patna
1550 – 1620 Hrs	High Tea	

Vertical 3: Quantum Sensing		
1620 – 1625 Hrs	Opening Remarks by Session Chair	Prof. Guruprasad Kar Professor, Indian Statistical Institute, Kolkata
1625 – 1655 Hrs	Session 1	Prof. Archan Majumdar S. N. Bose Center for Basic Sciences, Kolkata
1655 – 1725 Hrs	Session 2	Prof. Prasanta K. Panigrahi Director, IISER Kolkata
1725 – 1755 Hrs	Session 3	Prof. R. P. Singh Physical Research Laboratory, Ahmedabad
1755 – 1800 Hrs	Concluding Remarks by Session Chair	Prof. Guruprasad Kar Professor, Indian Statistical Institute, Kolkata
1800 – 1830 Hrs	Q&A Session	



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1830 – 1855 Hrs	Expert Talk	Padma Shri, Dr. Shubhash Kak, Regents Professor, Oklahoma State University
1900 – 2000 Hrs	From Safe to Quantum-Safe	Shri Amit Dubey
2000 – 2100 Hrs	Dinner	

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Day 2: July 15, 2023		
1030 – 1100 Hrs	Keynote Speaker	Lt. General (Retd.) Raj Shukla, PVSM, YSM, SM Member, UPSC
1100 – 1200 Hrs	Panel Discussion 2 Fostering Quantum Synergy: Uniting Academia, Research Organizations and Industry for Technological Advancements	Dr. Somanath Tripathi Professor, IIT Patna
		Scientist from MeitY
		Prof. N. S. Rajput Associate Professor, IIT BHU
		Shri Amit Saxena, Joint Director, C-DAC Pune
Dr. Susobhan Das Aalto University, Finland		
1200-1230 Hrs	Expert Talk on Fintech and Optimization	Dr. Anshul Saxena, Professor, Christ University
Vertical 4: Quantum Accelerator and HPC-QC Integration		
1230 – 1235 Hrs	Opening Remarks by Session Chair	Col. A. K. Nath (Retd.) Executive Director, C-DAC Pune
1235 – 1305 Hrs	Session 1	Dr. L. V. Subramaniam IBM Quantum India Leader, IBM Research
1305 – 1335 Hrs	Session 2	Dr. Manish Modani Principal Solution Architect, NVIDIA
1335 – 1405 Hrs	Session 3	Shri Vivek Nainwal, Joint Director, C-DAC
	Session 4	Shri Nishant Shekhar , Principal Technical Officer, C-DAC
1405 – 1410 Hrs	Concluding Remarks by Session Chair	Col. A. K. Nath (Retd.) Executive Director, C-DAC
1410 – 1450 Hrs	Networking Lunch	



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1450 – 1550 Hrs	Panel Discussion 3 Exploring Quantum Frontiers: Collaborative Insights from India and International Researchers	Shri Aditya Kumar Sinha, Director, C-DAC Kolkata & Patna
		Dr. Abhisek Dixit Associate Professor, IIT Delhi
		Shri Biman Chattopadhyay Co-Founder, Quanfluence
		Dr. Raghavendra V Research Scientist, Qkrishi
		Dr. Ranjit Hawaldar Scientist, CMET
		Experts from NVIDIA
1550 – 1600 Hrs	Vote of Thanks and Valedictory	Shri Jitesh Choudhary Director, C-DAC CINE