

National Quantum Science and Technology Symposium (NQSTS)

Scope Convention Centre, New Delhi.

Day 1: 14th December 2023

Time	Agenda
9:00 AM	Registrations
9:30 AM	The State of the Quantum Ecosystem in India – An Introduction to the Ecosystem, QETCI, and the Symposium - Reena Dayal, Founder and CEO, QETCI.
10:00 AM	<p>Chief Guest Address and Inaugural Panel – Quantum is here, and India is Ready.</p> <ul style="list-style-type: none"> • Lighting of the Lamp, Panel Felicitation. • Launch of the Quantum Security Centre and Forum (QSCF). • Signing of MoU between QETCI and BeST cluster, Bangalore. • Inaugural Panel. <ul style="list-style-type: none"> • Chairperson QETCI: Dr. V. K. Saraswat, Chairman QETCI and Member Niti Aayog. • Chief Guest: Shri. Ashwini Vaishnaw, Minister of Railways; Communications; and Electronics and Information Technology (Invited) • Special Guest of Honor: Dr. Ajay Sood, Principal Scientific Advisor to the Government of India. • Guest of Honor – Dr. Samir V Kamat, Chairman DRDO. • Moderator: Mr. Kanishka Agiwal, Amazon AWS
11:00 AM	Special Inaugural Keynote, Dr. V. K. Saraswat, Chairperson QETCI, Member Niti Aayog.
11:30 AM	Break for Tea/Coffee
11:45 AM	Talk on Quantum Advancements, Dr. Santu Sardar, Director DYSL-QT, DRDO.
12:15 PM	<p>Panel Discussion - The Dilemma of Investment in Quantum.</p> <ul style="list-style-type: none"> • Ms. Sandhya Vasudevan, Independent Director and ex-MD of Deutsch Bank (Moderator) • Mr. Nikhil Malhotra, Chief Innovation Officer, Tech Mahindra • Mr. Sanjay Chittore, CEO, Quantum AI Global. • Mr. Som Pal Choudhury, Partner Bharat Innovation Fund
1:00 PM	Lunch

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Auditorium		Mirza Galib Chamber
2:00 PM	Keynote Talk – Photonic Quantum Science and Technologies, Dr. Urbasi Sinha, Professor Raman Research Institute.	Keynote Talk – Quantum sensors, Dr. Kasturi Saha, Associate Professor, IITB
2:30 PM	Talk - Industry Advancements in Quantum Communications to bring the Tech into Mainstream, Mr. Sunil Gupta, CEO, QNu Labs.	Talk - Hidden in the Value Chain of allied industries – CVD Diamonds for precision optical electronics, Mr. Jayam Sonani, CEO, Diamond Elements.
3:00 PM	Panel discussion - The Qubit Competition – which technology will win? <ul style="list-style-type: none"> • Prof R Vijayaraghavan, Tata Institute of Fundamental Research (TIFR), Mumbai. • Prof Umakant Rapol, Indian Institute of Science Education and Research (IISER), Pune • Mr. Sujoy Chakravarty, Co-Founder and CEO, Quanfluence Pvt Ltd. • Ms. Shalaka Verma, Director, Customer Success, BFSI, Microsoft (Moderator). 	Panel discussion - Allied Value Chain for Quantum Technologies. <ul style="list-style-type: none"> • Mr. Hardik Soni, CTO & Co-Founder, Nav Wireless Technologies Pvt Ltd • Ms. Vrinda Kapoor, CEO, 3rditech • Prof. B K Das, IIT-Madras • Dr. Sandip Chatterjee, GC, MeitY - Policy Quantum Tech. • Dr. Manjunath.R.Venkatesh, Vice President, QpiAI (Moderator)
3:45 PM	Break for Tea/Coffee	Break for Tea/Coffee
4:00 PM	Talk - The Future of Quantum Communications, Dr. Anil Prabhakar, Indian Institute of Technology, Madras (IITM).	Talk - Quantum Ecosystem at the State level. Ms. Rama Devi, Director, Emerging Technologies, Telangana.
4:30 PM	Panel - Quantum Technology and The SDGs. <ul style="list-style-type: none"> • Ms. Arunima Sarkar, Thematic Lead - Quantum Technology, World Economic Forum. • Ms. Shalaka Verma, Director, Customer Success, BFSI, Microsoft. • Dr. Durga Prakash, Managing Director and Head of AI, Digital Platforms, and Innovation with Carelon Global Solutions. • Ms. Rachna Sharma, Founder & CEO, Climate Ready Leaders (Moderator) 	Panel – Quantum and Space. <ul style="list-style-type: none"> • Mr. Rajeev Gambhir, Sr. Director, SIA India. • Dr. Anindita Banerjee, Senior Scientist, CDAC. • Mr. Jitesh Lalwani, CEO Artificial Brain. • Dr. M. Senthil Kumar Outstanding Scientist & Group Director, SAC, ISRO. • Ms. Naba S, Associate (S&T) NITI Aayog (Moderator).
5:30 PM	High Tea	

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Day 2: 15th December 2023

Time	Agenda
9:00 AM	Registrations
10:00 AM	<ul style="list-style-type: none"> • Lighting of the Lamp, Panel Felicitation. • Release of the Quantum Value Chain Report for India. • Panel discussion Quantum Value Chain and International Collaboration. • Inaugural Panel. <ul style="list-style-type: none"> ○ Chairperson QETCI: Dr V K Saraswat. ○ Guest of Honor: Shri S Somanath, Chairman ISRO ○ Guest of Honor: Shri S Krishnan, MEITY, Secretary ○ Moderator: Ms. Reena Dayal, Founder and CEO, QETCI • Launch of new product by Silicofeller Quantum – 10mins
11:00 AM	Panel discussion - Quantum Security - Need and Solutions. <ul style="list-style-type: none"> • Mr. Vinayak Godse, Data Security Council of India (Moderator). • Dr. Venkatraman, Director CR RAO AIMSCS. • Mr. Rahil Patel, Chief Growth Officer, QNu Labs. • Prof Arun Pati, Indian Institute of Information Technology, Hyderabad (IIITH).
11:30 AM	Break for Tea/Coffee
11:45 AM	Talk - Quantum Value Chain – Role of the IT Services Industry, Mr. Sridhar CV, Head Alliances, Corporate Incubation TCS.
12:15 PM	Panel Discussion - The Cybersecurity Landscape in the Quantum Era - What India Needs to Do? <ul style="list-style-type: none"> • Mr. Jaspal Sawhney, CISO Tata Communications. • Dr. Saibal K. Pal, Senior Scientist, DRDO. • Mr. Sameer Mehta, Sr. Vice President, Reliance Jio. • Ms. Reena Dayal, Founder and CEO, QETCI (Moderator).
1:00 PM	Lunch

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TIME	Agenda	
2:00 PM	Talk and Demo- Blockchain solution with Quantum Security, Dr. Venkatraman- Director CR RAO AIMSCS.	
2.30 PM	Talk - Impact of Quantum Computing on Cryptography: Hype & Reality. Col Kapil Jaiswal, Director Research (InfoSec), Army Signal Intelligence.	
3.00 PM	Panel discussion - Quantum Talent and Skill Development. <ul style="list-style-type: none"> Mr. Jaspal Sawhney, CISO Tata Communications. Ms. Gopika Chaganti, COO, Quantum AI Global. Mr. Sachin Punyani, Principal BD & Quantum Computing Evangelist at Amazon Web Services (AWS) Ms. Abhishrutha Raghavendra, Quantum Security Coordinator (Moderator). 	
3:45 PM	Break	
	Auditorium	Mirza Galib Chamber
4:00 PM	Talk- A unique approach to supporting the Quantum Ecosystem in India. Mr. Vardaan Sahgal, Quantum Software & Solutions Head, Womanium - Washington DC USA	Panel discussion - Quantum in Industry <ul style="list-style-type: none"> Dr. Durga Prakash, Managing Director and Head of AI, Carelon Global Solutions Mr. Joseph Joshi, Chief Technology Officer (CTO), IFSCA Ms. Monica Jasuja, financial expert. Mr. Ashwin Saxena, CEO, CyberneX. Ms. Sandhya Vasudevan, Independent Director, and ex-MD of Deutsch Bank (Moderator).
4:30 PM	Panel discussion - Intellectual Property Management – Issues and Solutions for Emerging and Critical Technologies. <ul style="list-style-type: none"> Mr. Ramesh Ketharaju, Founder and Director of QETCI (Moderator) Ms. Rachna Singh, IP Expert Ms. MS Devi, K&S partners. Mr. S K Murthy, patent counsel at Intel India. 	
5:30 PM	Program Ends (Tea and Coffee)	



Reach out to us at info@qetci.org.

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