

GUJARAT COUNCIL ON SCIENCE & TECHNOLOGY
Dept. of Science & Technology, Govt. of Gujarat

Organizes

Conference on Public Understanding of Quantum Science & Technology
(in conjunction with 50th SIS Convention, 25th ISCC India, 5th ISCC International)

Jointly with:

International Year of Quantum Science & Technology (IYQ-2025), UNESCO
National Quantum Mission (NQM), Govt. of India
International Science Writers' Association (ISWA International)
Indian Science Writers' Association (ISWA India)
Society for Information Science (SIS)
Indian Science Communication Society (ISCOS)

22-23 December 2025
Gujarat Science City, Ahmedabad
Hybrid Mode (Physical/ Virtual)

DRAFT PROGRAM SCHEDULE

22 December 2025 | Monday

07:00 AM	Breakfast at the Accommodation Place	
08:00 AM	Departure by Bus from Accommodation Place for Science City,	
09:00 AM	Reporting and Registration at Science City, Ahmedabad	
10.00-10.05 hrs.	Inaugural Session	
	Arrival of Guests	
10.05-10.07 hrs.	Lamp Lighting	
10.07-10.10 hrs.	Floral Welcome of Guests	
10.10-10.15 hrs.	Welcome	Dr. Narottam Sahoo Advisor, GUJCOST
10.15-10.20 hrs.	Opening Remarks	Dr. Manoj Kumar Patairiya President, Society for Information Science
10.20-10.25 hrs.	Theme Address	Shri Nilesh Desai Director, Space Applications Center (SAC-ISRO), Ahmedabad
10.25-10.30 hrs.	Brief Address	Ms. P. Bharathi, IAS Secretary, Dept. of Science and Technology, Govt. of Gujarat
10.30-10.40 hrs.	Address by Guest of Honour	Shri Arjun Modhwadia Hon'ble Minister of Science and Technology, Forest & Environment and Climate Change, Govt. of Gujarat

10.40-10.55 hrs	Address by Chief Guest	Shri Bhupendrabhai Patel Hon'ble Chief Minister, Gujarat
10.55-11.00 hrs	Vote of Thanks	Dr. Poonam Bhargava Principal Scientific Officer, GUJCOST
11:00 AM	Tea	
11:30 AM	Keynote Address Prof. Punit Kumar, University of Lucknow A century of quantum revolution and why it matters: Communicating the science and technology of the 21st century	
12:00 Noon	Plenary Talk 1 Prof. Kanan Purakayastha, London, UK Heisenberg's Thoughts on Language and Reality in Quantum Mechanics: Important issues in the Public Understanding of QM	
01:00 PM	Lunch	
02:00 PM	Technical Session I: Paper Presentations Chair: Dr. Finarya Legoh, Head, International Affairs, Indonesia Academy of Sciences, Jakarta <i>Track: Communicating Complex Quantum Concepts</i> <ul style="list-style-type: none"> • Public engagement models • Popular science writing on quantum • Science museums and exhibits • Cognitive challenges in quantum learning 	
03:30 PM	Tea	
04:00 PM	Demonstration Session on Hands-on Quantum Education Kit <ul style="list-style-type: none"> • Quantum superposition models • Entanglement demonstrators • Simple photon-based experiments (Interactive session for educators and students)	
05:00 PM	Panel Discussion 1: Simplifying the Unseen: How to Make Quantum Ideas Accessible to All? Chair: Prof. Anjana Singh, Nepal Academy of S&T, Kathmandu Panellists: Science communicators, educators, media professionals	
06:00 PM	Visit to Astronomy and Space Science Gallery	
07:00 PM	Dinner with sky gazing and departure for the accommodation place	

23 December 2025 | Tuesday

07:00 AM	Breakfast at the Accommodation Place
08:00 AM	Departure by Bus from Accommodation Place for Science City,
09:00 AM	Reporting and Registration at Science City, Ahmedabad
10:00 AM	Keynote Address 2 Prof. Arul Aram, Anna University, Chennai Quantum Technologies for Society: Challenges in Public Communication
11:00 AM	Tea
11:30 Am	Plenary Talk 2 Prof. Manoj Kumar Patariya, National Institute of Advanced Studies Digital Media, AI and the Future of Science Communication
12:00 Noon	Panel Discussion 2: Opportunities for young researchers in the field of quantum, science, technology and industry for future workforce Chair: Dr. S.K. Varshney, Former Adviser & Head, International Programs, DST, Govt. of India Panellists: Senior Science Communicators, Academia and Researchers
01:00 PM	Lunch
02:00 PM	Technical Session II: Research Paper Presentations Chair: Dr. N.T. Lan, Vietnam Institute of Science Information, Hanoi <i>Track: Tools, Methods & Innovations in Quantum Science Communication</i> <ul style="list-style-type: none">• Visual storytelling• Digital learning & VR• Citizen science• Museum-based outreach• Quantum curriculum design
03:30 PM	Tea
04:00 PM	Communicating Quantum Through Models, Analogies & Demonstrations (Hands-on activities led by science communication experts)
05:00 PM	Valedictory Session
05:30 PM	SIS AGM/ ISWA AGM (For Members Only)

Draft List of Panellists:

Panel Discussion 1 - Simplifying the Unseen: How to Make Quantum Ideas Accessible to All?

1. Prof. R.P. Singh, Professor, Physical Research Laboratory (PRL) Ahmedabad
2. Dr. V.B. Kamble, Former Advisor, Vigyan Prasar, Govt. of India
3. Dr. S.N. Gupta, Scientist, Physical Research Laboratory (PRL) Ahmedabad
4. Dr. Chandraprakash Sharma, Scientist G, SAC-ISRO, Ahmedabad
5. Members of ISWAs, SIS, ISCOS

Panel Discussion 2 - Opportunities for young researchers in the field of quantum, science, technology and industry for future workforce

1. Shri Adarsh Jain, Head, Quantum Science and Technology Division, SAC-ISRO, Ahmedabad
2. Prof. Manoj Kumar Patariya, Former Head, NCSTC, DST, Govt. of India
3. Dr. Arpan Bhattacharyya, Associate Professor, IIT Gandhinagar
4. Dr. Gautam Dutta, Associate Professor, DAIICT Gandhinagar
5. Members of ISWAs, SIS, ISCOS