



Global Congress on Quantum Computing and Applications

November 13-15, 2025 | Valencia, Spain

Speaker Slots Available

08:30-09:30	Registrations Main Hall
09:30-09:35	Introduction
09:35-10:00	Opening Ceremony
Plenary session	
10:00-10:40	Title: Spatial and temporal circuit cutting with hypergraphic partitioning
	WALDEMIR CAMBIUCCI, Escola Polit�cnica University of Sao Paulo S�o Paulo, Brazil
10:40-11:20	Title: Gauge invariance principle as a guiding star in the theory of electroweak scattering off nuclei (bound systems)
	Oleksandr Shebeko, Kharkiv Institute of Physics and Technology", Kharkiv, Ukraine
11:20-11:35	Refreshments Break@ Foyer
Keynote Session	
11:35-12:10	Title: Quantum gates and quantum algorithms in a neutral atom quantum processor
	Ravikumar Chinnarasu, National Quantum Computing Centre, Didcot, England, UK.
12:10-12:45	Title: Analog and qubit efficient quantum computing
	Angelakis, Dimitrios, School of ECE, TU Crete, CQT Singapore and AngelQ Quantum Computing
12:45-13:00	Group Photo & Networking Session
13:00-14:00	Lunch Break
14:00-14:35	Title: Quasi-isentropic compressibility of noble gases, nitrogen and helium in pressure range up to 20 Tpa
	Mikhail Mochalov, All-Russian Research Institute of Experimental Physics Sarov, Nizhny Novgorod region, Russian Federation
14:35-15:10	Title: First-order quantum corrections of tunneling radiation in modified Schwarzschild-Rindler black hole
	Riasat Ali, Shanghai University and New touch Center for Mathematics of Shanghai University, China
15:10-15:45	Title: Relativistic Coupled-Cluster Calculations for Clock Transition Properties in Atoms and Ions
	Brajesh Kumar Mani, Indian Institute of Technology Delhi, Hauz Khas, New Delhi
Featured Talks	
15:45-16:15	Title: Fock-Space Relativistic Coupled-Cluster Study of Clock Properties in 88Pb2+
	Palki Gakkhar, Manipur University, Canchipur 795003, Manipur, India
16:15-16:30	Refreshments Break@ Foyer

16:30-17:15	Title: Candida cells devoid of the quinidine drug resistance transporter genes impact glucose transporter expression and metabolite accumulation promoting azole drug resistance
	Hafsa, University of Kashmir, India

Cocktail Party @17:15 onwards



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Day 2 (November 14, 2025)

Main Hall

08:30-09:30 Registrations

Plenary Session

09:30-10:10	Title: The Road to a Prove a Quantum Computing Advantage in Future Generation Networks Embedded Six-DoF Force-Torque Sensor for Soft Robots with Learning-based Calibration
	Riccardo Bassoli , Technische Universität Dresden, Dresden, Germany

10:10-10:50	Title: Quantum circuits based on topological pumping in optical lattices
	Zijie Zhu , Institute for Quantum Electronics & Quantum Center, Switzerland

Keynote Session

10:50-11:35	Title: NONLOCAL APPROACH TO ENERGY BANDS IN PERIODIC LATTICES AND EMERGENCE OF ELECTRON MASS ENHANCEMENT
	Rami Ahmad El-Nabulsi , currently Aix-Marseille University, France

11:35-11:50 Refreshments Break@ Foyer

Featured Talks

11:50-12:20	Title: Approximation of Mild Solutions of Delay Integro-differential Equations on Banach Spaces
	Mohammed Elghandouri , Sorbonne University, Paris, France

12:20-12:50	Title: A Categorical and Quantum Optimization Framework for Addressing Dynamic Business Challenges in Thailand as Systems of Systems
	Jirawat Tangpanitanon , Quantum Technology Foundation, Thailand

12:50-13:20	Title: Letter to the editor regarding; Risk of breast implant associated anaplastic large cell lymphoma in a cohort of 3546 women prospectively followed long term after reconstruction with macro-textured breast implants
	Vivek Verma , Indian Institute of Technology Roorkee, Uttarakhand, India

13:20-14:20 Lunch Break

14:20-14:50	Title: Laser Sideband Locking Using a DDS-Based RF Signal Source
	Mingyi Zhu , School of Physical Sciences, China

14:50-15:20	Title: Thin Film Diamond Nano-photonics and its quantum Application
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	Sunil Kumar Mahato, University of Hamburg, Germany.
15:20-15:50	Title: Using quantum weirdness to extend the computational power of a Parity computer
	Swati Singh, IAH, GLA University, India
	Speaker Slots available
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Day 3 (November 15, 2025)	
Main Hall	
08:30-09:30	Registrations
Featured talk	
09:30-10:00	Title: Graph Crypto-Stego system for securing Graph Data using Association Schemes
	Anuradha Sabharwal, Government College Bahadurgarh, Haryana, India
10:00-10:30	Title: Hysteresis Trajectories in Quantum Rydberg Atomic Gases
	En-Ze Li, University of Science and Technology of China,
10:30-11:30	Title: The Race Towards a Global Quantum Communication Network: Competing Paradigms and Emerging Challenges
	Rikteem Bhowmick, Qulabs Software India Pvt Ltd & Quantum AI Global, India
11:30-11:45	Refreshments Break@ Foyer
11:45-11:15	Title: EPR and luminescence properties of Mn ²⁺ doped BaCO ₃ nanoparticles synthesized by auto combustion method
	Brahim Abidine, Borj-Cedria Technopark Soliman, Tunisia
11:15-11:45	Title: An update on alternative therapy for Escherichia coli causing urinary tract infections; a narrative review
	Sina Nasrollahian, Shiraz University of Medical Sciences, Shiraz, Iran
Speaker Slots available	
Sponsors/Exhibitors	