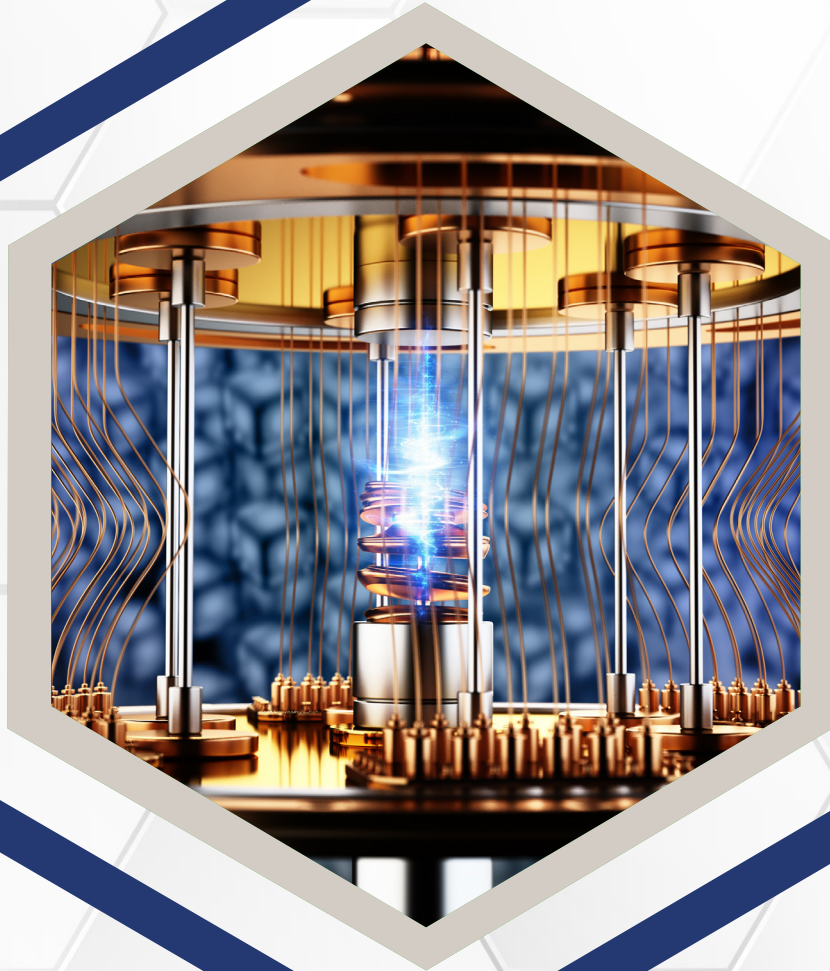




ScienceQuest
CONNECTING MINDS, SHAPING TOMORROW

Tentative Program



**Global Conference on
Quantum Computing**

November 20-22, 2025

Tokyo Prince Hotel, Tokyo, Japan

<https://www.quantum.thesciencequest.org/>



Day 1 (November 20, 2025)	
MainHall	
08:30-09:30	Registrations
09:30-09:35	Introduction
09:35-10:00	Opening Ceremony
Plenary session	
10:00-10:45	<p>Title: Review on Microwave Surface Resistance of High Temperature Superconductor Yttrium Barium Copper Oxide (YBCO)</p> <hr/> <p>Yam prasad Dahal, Beihang University, China</p>
10:45-11:30	<p>Title: Review of the Unitary Quantum Theory</p> <hr/> <p>Leo Georgy Sapogin, Department of Physics, Technical University (MADI), Russia</p>
11:30-11:50	Refreshments Break@ Foyer
Keynote session	
11:50-12:25	<p>Title: Two-dimensional materials for quantum computing</p> <hr/> <p>Mingsheng Xu, Zhejiang University, China</p>
12:25-12:55	<p>Title: Ultra-high-speed LED array for three-dimensional profilometry with projector defocusing</p> <hr/> <p>Hong-Xu Huang, Beihang University, Beijing China</p>
12:55-13:55	Group Photo & Lunch Break
13:55-14:30	<p>Title: Relationship between an Extra-Time Dimension and Translational Symmetry in Quantum Entanglement: A Path toward Reconciliation with Local Causality</p> <hr/> <p>Kisalaya Chakrabarti, Haldia Institute of Technology, India</p>
14:30-15:05	<p>Title: The general Bernstein function: Application to α-fractional differential equations</p> <hr/> <p>Lakhlifa Sadek, Al-Hoceima, Abdelmalek Essaadi University, Tetouan, Morocco</p>

Featured Talks	
15:05-15:20	Title: Massive Dirac fermions in a ferromagnetic Kagome metal Linda Ye, California Institute of Technology, USA
15:20-15:35	Refreshments Break@ Foyer
15:35-16:00	Title: Ising pairing in superconducting NbSe₂ atomic layers Xiaoxiang Xi, Nanjing University, China
16:00-16:25	Title: Highly Polarization-Sensitive, Broadband, Self-Powered Photodetector Based on Graphene/PdSe₂/Germanium Heterojunction Yuen Hong TSANG, The Hong Kong Polytechnic University, Hong Kong
Speaker Slots Available	

Day 2 (November 21, 2025)	
MainHall	
08:30-09:30	Registrations
09:30-09:35	Introduction
09:35-10:00	Opening Ceremony
Plenary session	
10:00-10:45	Title: Photonics and Electronics Science and Engineering Susumu Noda, Electronic Science and Engineering, Kyoto University
10:45-11:30	Title: Search for potential candidates for ultracold molecules and construction of molecular qubits Wensheng Bian, Chinese Academy of Sciences, China
11:30-11:50	Refreshments Break@ Foyer
Keynote session	

11:50-12:25	Title: Quantum AI Agents: Quantum Science, Technologies, Computing and Artificial Intelligence Agents and Their Applications in Engineering and Other Disciplines
	Sardar M N Islam, Victoria University, Australia
12:25-12:55	Title: Towards a perturbative theory of nuclear forces
	Silas R Beane, University of Washington, USA
12:55-13:55	Group Photo & Lunch Break
13:55-14:30	Title: Emerging Concepts in Robotics and AI-based Assistive Technologies
	Ishfaq Ahmad, The University of Texas at Arlington, USA
14:30-15:05	Title: Emerging Technologies, Breakthroughs, Synergetic Reviews, Opinions and Advancements
	Vinod Kumar Verma, University Longowal, India
Featured Talks	
15:05-15:20	Title: Quantum circuits based on topological pumping in optical lattices
	Zijie Zhu, Institute for Quantum Electronics Quantum Center,ETH Zurich, 8093 Zurich, Switzerland
15:20-15:35	Refreshments Break@ Foyer
15:35-16:00	Title: EPR and luminescence properties of Mn²⁺ doped BaCO₃ nanoparticles synthesized by auto combustion method
	Brahim Abidine, Borj-Cedria Technopark Soliman, Tunisia
16:00-16:25	Title: AKER: A design and verification framework for safe and secure soc access control
	Andres Meza, University of California, Los Angeles, California
Speaker Slots Available	

Day 3 (November 22, 2025)

MainHall

08:30-09:30 Registrations

09:30-09:35 Introduction

09:35-10:00 Opening Ceremony

Plenary session

10:00-10:45

Title: Non-invasive mapping of connections between human thalamus and cortex using diffusion imaging

Gareth J Barker, Magnetic Resonance Physics, King's College London

10:45-11:30

Title: Electrical programmable multilevel non-volatile photonic random-access memory

Hamed Dalir, Electrical & Computer Engineering Department
University of Florida

11:30-11:50

Refreshments Break@ Foyer

Keynote session

11:50-12:25

Title: DFT and AI-assisting discovery and characterization of the ternary nanolaminate MAX and MAB phases

Yuelel Bai, Harbin Institute of Technology, Harbin 150080, China

12:25-12:55

Title: GHz rotation of an optically trapped nanoparticle in vacuum

Rene Reimann, ETH Zürich Department Information Technology and Electrical Engineering

12:55-13:55

Group Photo & Lunch Break

13:55-14:30

Title: not yet received

Li Gaomei, Huazhong University of Science and Technology, China

14:30-15:05	<p>Title: Challenges for a transitioning electricity system</p> <p>Patrik Thollander, Maria Andersson, Mariana Andrei, Patrik Rohdin, Linköping University, Sweden</p>
Featured Talks	
15:05-15:20	<p>Title: Improving charge transport in perovskite solar cells using solvent additive technique</p> <p>Ahmed Hayali, University of Canterbury, New Zealand</p>
15:20-15:35	Refreshments Break@ Foyer
15:35-16:00	<p>Title: Observation of a dissipative phase transition in a one-dimensional circuit QED lattice</p> <p>Mattias Fitzpatrick, Dartmouth College Engineering, USA</p>
16:00-16:25	<p>Title: High Sensitivity, Loss-Tolerant Quantum Metrology</p> <p>Wei Du, School of Electronic Engineering, Beijing University of Posts and Telecommunications, Beijing 100876, China</p>
16:25-16:50	<p>Title: Using quantum weirdness to extend the computational power of a Parity computer</p> <p>Swati Singh, Institute of Applied Sciences and Humanities GLA University Mathura, India</p>
Speaker Slots Available	

Sponsors/Exhibitors

