



The
ICONIC MEETINGS
.....Meet Influential People.....

World Conference on Quantum Computing and Applications

 **APRIL 09-11, 2026**

 **TOKYO, JAPAN**



**QUANTUM
COMPUTING**

FINAL PROGRAM



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WCQCA-2026@iconicconferences.org



<https://www.quantum.theiconicmeetings.com/>

Day 1 (April 09, 2026)

09:00-09:30 Registrations Main Hall

09:30-09:35 Interduction

09:35-10:00 Opening Ceremony

PLENARY SESSION

10:00-10:45 **Title: Constraint-Preserving Quantum Approximate Optimization for the Train Marshalling Problem**

Waldemir Cambiucci, Hypaq Technologies São Paulo, Brazil

KEYNOTE SESSION

10:45-11:25 **Title: Quantum Machine Learning in Multi-Qubit Phase Space**

Timothy Heightman, ICFO – The Institute of Photonic Sciences
Mediterranean Technology Park, Avinguda Carl Friedrich Gauss, 3, 08860
Castelldefels, Barcelona, Spain

11:25-12:05 **Title: Quantum Superposition of the Past and Future, and the Emergence of Fuzzy Present**

Pratap, Divya, India

12:05-12:45 **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

12:45-13:00 **Group Photo & Networking Session**

13:00-14:00 **Lunch Break**

14:00-14:40 **Title: The Road to a Prove a Quantum Computing Advantage in Future Generation Networks**

Riccardo Bassoli, Technische Universität Dresden, Dresden, Germany

FEATURED SESSION

14:40-15:20 **Title: Quantum Computing for Satellite Earth Observation: A Thales Alenia Space Perspective**

Alessandro Grilli, *Thales Alenia Space Italy, Via Saccomuro 24, Roma*

15:20-16:00 **Title: High-Frequency Quantum Sensing Without Fast Pulses Using Interaction-Engineered Two-Qubit System**

Rizwan Abbas, *Lahore University of Management Sciences, Opposite Sector U, D.H.A, Lahore 54792, Pakistan*

Cocktail Party @16:00 onwards

Day 2 (April 10,2026)

09:00-09:20 Registrations Main Hall

PLENARY SESSION

09:20-10:10 **Title: From Planarians to Qubits: Quantum Neural Models for SST Prediction**

Venkatesan M, *Department of Computer Science and Engineering National Institute of Technology Puducherry*

KEYNOTE SESSION

10:10-10:50 **Title: Digital-Analog quantum Rabi simulation in the Deep Strong Coupling Regime**

Mohamed Bennai, *LPHE-Modeling and Simulation, Faculty of Sciences, Mohammed V University in Rabat, Morocco*

10:50-11:30 **Title: Mapping the effect of Quantum Computing in Global Software Development: two decades of bibliometric Analysis**

Eshika Aggarwal, *Indian Institute of Management Jammu, India*

11:30-11:40

Refreshments Break@ Foyer

Title: Superconducting Quantum Processors: Design and Analysis for Surface Code Implementation

11:40-12:20

Nadia Haider, Delft University of Technology, 2628 CD, Delft, The Netherlands

Title: Gauge invariance principle as a guiding star in the theory of electroweak scattering off nuclei (bound systems)

12:20-13:00

Oleksandr Shebeko, National Science Center” Kharkiv Institute of Physics and Technology”, Kharkiv, Ukraine

13:00-14:00

Lunch Break

Title: A robust quantum image encryption algorithm based on 3D-BNM chaotic map and quantum selective scrambling operations

14:00-14:40

Vivek Verma, Indian Institute of Technology Roorkee, Roorkee, 247667, Uttarakhand, India

FEATURED SESSION

Title: A Quantum Bagging Algorithm with Unsupervised Base Learners for Label Corrupted Datasets

14:40-15:20

Neeshu Rathi, Department of Mathematics, Indian Institute of Technology Roorkee, Uttarakhand 247667, India

Title: Non-Hermitian Spin-Spin Interaction Mediated by Chiral Phonons: Chirality Induced Non-Hermiticity

15:20-16:00

Haowei Xu, Department of Physics, City University of Hong Kong, Hong Kong, China

Cocktail Party @16:00 onwards

Day 3 (April 11, 2026)

09:00-09:20

Registrations Main Hall

PLENARY SESSION

09:20-10:00	Title: Quantum Geosciences Lithosphere Subsurface Imaging Sunjay, Seismic Imaging centre, Geophysics, BHU, Varanasi-221005, India
KEYNOTE SESSION	
10:00-10:30	Title: Helium-3 from the Moon: How Are You Going to Cool Your Quantum Computer? Chris Salvino, United States
10:30-11:00	Title: Quantum Interpreter for Lung Images in Multicategory Disease Diagnosis via Variational Quantum Classifier (VQC) Samantha Sakowicz Moscofian Cabrera, Phd Advisor : Graça Bressan Universidade de São Paulo – Poli
11:00-11:30	Title: NONLOCAL APPROACH TO ENERGY BANDS IN PERIODIC LATTICES AND EMERGENCE OF ELECTRON MASS ENHANCEMENT Rami Ahmad El-Nabulsi, Czech Republic
11:30-11:40	Refreshments Break@ Foyer
11:40-12:10	Title: Quantum gates and quantum algorithms in a neutral atom quantum processor Ravikumar Chinnarasu, National Quantum Computing Centre, Didcot, England, UK
12:10-12:40	Title: First-order quantum corrections of tunneling radiation in modified Schwarzschild-Rindler black hole Riasat Ali, University of Shanghai-200444, People's Republic of China
12:40-13:10	Title: The Race Towards a Global Quantum Communication Network: Competing Paradigms and Emerging Challenges Rikteem Bhowmick, Head- Quantum Communications, Qulabs Software India Pvt Ltd & Quantum AI Global
13:10-14:10	Lunch Break

14:10-14:40

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

FEATURED SESSION

14:40-15:10

Title: Sample records for instrumental analysis experiment

Subhash Kumar, G H Raisonni college of engineering and management, Pune, Maharashtra

15:0-15:40

Title: Thin Film Diamond Nano-photonics and its quantum Application

Sunil Kumar Mahato, University of Hamburg, Germany

Cocktail Party @16:00 onwards
