



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

International Experts Summit on Quantum Computing and Applications

 April 08–10, 2027

 Osaka, Japan



TENTATIVE PROGRAM



+1(662) 339-4984



QuantumSummit-2027@iconicconferences.org



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

Day 1 (April 08, 2027)	
08:30-09:30	Registrations in Main Hall
09:30-09:35	Introduction
09:35-10:00	Opening Ceremony
Plenary session	
10:00-10:30	Title: Error Mitigation Strategies for Noisy Intermediate-Scale Quantum (NISQ) Devices <hr/> William Spain , <i>University of Washington, USA</i>
10:30-11:00	Title: Noise-Resilient Quantum Algorithms for Near-Term Quantum Hardware <hr/> Jesse Weil , <i>Columbia University, Hungary</i>
11:00-11:30	Speaker Slot available
11:30-11:45	Refreshments Break@ Foyer
Keynote Session	
11:45-12:10	Title: Hybrid Quantum–Classical Algorithms for Large-Scale Optimization <hr/> Montserrat Fernández Guarino , <i>Ramón y Cajal University, Spain</i>
12:10-12:35	Title: Noise-Resilient Quantum Algorithms for Near-Term Quantum Hardware <hr/> Shilpa Muralidharan , <i>Osaka University, India</i>
12:35-13:00	Speaker Slot available
13:00-14:00	Lunch Break
14:00-14:25	Speaker Slot available
14:25-14:50	Title: Quantum Communication Protocols for Secure Data Transmission <hr/> Amr Mahfouz , <i>Dublin Institute of Technology, Ireland</i>
14:50-15:15	Speaker Slot available

Featured Talks

15:15-15:35

Title: Quantum Algorithms for Large-Scale Optimization and Simulation

Tian Tang, *Florida State University, Germany*

15:35-15:50

Refreshments Break@ Foyer

15:50-16:10

Speaker Slot available

16:10-16:30

Title: Quantum Simulation of Strongly Correlated Materials

Linda Ye, *California Institute of Technology, USA*

Speaker Slots are available to 18:30

Day 2 (April 09, 2027)

08:30-09:30

Registrations in Main Hall

Plenary Session

09:30-10:00

Title: Optimization of Quantum Circuits Using Machine Learning Techniques

Yakar Murat, *Mersin University, Turkey*

10:00-10:30

Title: Hybrid Quantum–Classical Optimization for Large-Scale Systems

Gareth J Barker, *King's College London*

10:30-11:00

Speaker Slot available

Keynote session

11:00-11:25

Title: Ultracold Molecules for Quantum Simulation of Many-Body Physics

Kang-Kuen Ni, *Harvard University, USA*

11:25-11:40

Refreshments Break@ Foyer

11:40-12:05

Title: Quantum Algorithms for Electronic Structure Calculations

Sabre Kais, *NC State University, USA*

12:05-12:30	Speaker Slot available
12:30-13:00	Speaker Slot available
13:00-14:00	Lunch Break
Featured Talks	
14:00-14:20	Title: Quantum Algorithms for Optimization and Machine Learning Applications Xiaoxiang Xi, Nanjing University, China
14:20-14:40	Speaker Slot available
14:40-15:00	Speaker Slot available
Speaker Slots are available to 18:30	

Day 3 (April 10, 2027)	
08:30-09:30	Registrations in Main Hall
Plenary session	
09:30-10:00	Speaker Slot available
10:00-10:30	Title: Quantum Machine Learning for Large-Scale Scientific Data Analysis Pekka Sinervo, University of Toronto, Canada
10:30-11:00	Title: Chip-Scale Quantum Photonic Systems Using Integrated Microresonators Kerry J. Vahala, California Institute of Technology Caltech, USA
Keynote session	
11:00-11:25	Title: Hybrid Quantum Architectures for Scalable Quantum Computing Angelakis, Dimitrios, CQT Singapore and AngelQ Quantum Computing, Singapore
11:25-11:40	Refreshments Break@ Foyer

11:40-12:05 Speaker Slot available

12:05-12:30 Speaker Slot available

12:35-13:00 **Title: Optimization of Quantum Algorithms for Near-Term Quantum Devices**

Ravikumar Chinnarasu, *National Quantum Computing Centre, Didcot, England, Uk*

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

Featured Talks

14:00-14:20 Speaker Slot available

14:20-14:40 Speaker Slot available

14:40-15:00 **Title: Noise-Resilient Quantum Computation on NISQ Devices**

Yuping Chen, *Shanghai Jiao Tong University (SJTU), China*

Speaker Slots are available to 18:30

Note: This is a primary program slight changes may happen in the final program

Sponsors/Exhibitors

