

INTERNATIONAL SYMPOSIUM on QUANTUM SENSING and FRONTIER SCIENCES for FUTURE SOCIETY



Q-FUTURE 2026

“Social Implementation of Quantum Technology and the
Deepening of International Collaboration”

Nov. 17-19, 2026

Venue

Ochanomizu Sola City

4-6 Kanda-Surugadai, Chiyoda-ku, Tokyo, JAPAN

Plenary Speakers

Shigeki Takeuchi

Kyoto University, Japan

Alex Jones

National Physical Laboratory, UK

Dmitry Budker

Johannes Gutenberg University Mainz, Germany

Christoph Becher

Saarland University, Germany

Hosted by

National Institutes for
Quantum Science and
Technology (QST)

Symposium Chair

Shigeo Koyasu

President, QST

Supported by:

Ministry of Education, Culture, Sports, Science and Technology (MEXT)
Adopting Sustainable Partnerships for Innovative Research Ecosystem (ASPIRE)
“DIAMONDQTECH”

Quantum Leap Flagship Program (Q-LEAP)
“Quantum Metrology and Sensing” & “Quantum Life Flagship Project”
Cross-ministerial Strategic Innovation Promotion Program (SIP)
“Promoting Application of Advanced Quantum Technologies to Social Challenges”
programs for Bridging the gap between R&d and the IDEAL society (society 5.0)
and Generating Economic and social value (BRIDGE)
Quantum STRategic Industry Alliance for Revolution (Q-STAR)

The Physical Society of Japan (JPS)
The Japan Society of Applied Physics (JSAP)
Professional group of JSAP - Solid State Quantum Sensor
The Chemical Society of Japan (CSJ)
Quantum Life Science Society
The Biophysical Society of Japan
The Japanese Biochemical Society (JBS)
The Society of Electron Spin Science and Technology (SEST)
Protein Science Society of Japan (PSSJ)
Japan New Diamond Forum (JNDF)
Quantum Forum



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Program at a Glance

Nov. 17 (Tue.)

9:30-	Opening
10:30-11:30	Plenary Talk 1
13:00-15:00	Invited Session 1: Quantum Materials
15:30-17:30	Invited Session 2: Quantum Life Science I
17:30-20:00	Poster Session

Nov. 18 (Wed.)

9:10-10:00	Plenary Talk 2
10:00-11:30	Invited Session 3: Quantum Life Science II
13:00-14:30	Invited Session 4: Advanced Technologies for Future Quantum Science
15:00-17:00	Invited Session 5: Quantum Sensing
17:00-18:00	Corporate Exhibition and Poster Session
18:30-20:30	International Networking Meeting

Nov. 19 (Thu.)

8:40-10:20	Plenary Talks 3 & 4
10:30-12:00	Invited Session 6: Quantum Interfaces and Single-Photon Sources
13:30-16:00	ASPIRE Early-Career Researchers Organized Session
16:00-16:10	Closing

Invited Speakers by Session

Quantum Materials

Fedor Jelezko (Institute of Quantum Optics, Ulm University, Germany)
 Hiromitsu Kato (Advanced Power Electronics Research Center, AIST, Japan)
 Mark Newton (Department of Physics, University of Warwick, UK)
 Takeshi Ohshima (Quantum Materials and Applications Research Center, QST, Japan)

Quantum Life Science

David Simpson (University of Melbourne, Australia)
 Nobuhiro Yanai (The University of Tokyo, Japan)
 Yoichi Takakusagi (Institute for Quantum Life Science, QST, Japan)
 Kiminori Maeda (Saitama University, Japan)
 Toru Kondo (National Institute for Basic Biology, Japan)
 Anke Krueger (University of Stuttgart, Germany)
 Hitoshi Ishiwata (Institute for Quantum Life Science, QST, Japan)

Advanced Technologies for Future Quantum Science

Richard Curry (The University of Manchester, UK)
 Marco Nordmann (Qnami AG, Switzerland)

Quantum Sensing

Jörg Wrachtrup (Institute of Physics, University of Stuttgart, Germany)
 Junko Hayase (Keio University, Japan)
 Takashi Tanii (Waseda University, Japan)
 Yuichi Yamazaki (Quantum Materials and Applications Research Center, QST, Japan)

Quantum Interfaces and Single-Photon Sources

Hideo Kosaka (Quantum Information Research Center, Yokohama National University, Japan)
 Takayuki Iwasaki (Institute of Science Tokyo, Japan)
 Shin-ichiro Sato (Quantum Materials and Applications Research Center, QST, Japan)