Quantum technology (QT) is expected to bring about destructive innovation (Quantum Leap) in society. MEXT has launched Q-LEAP program (2018-2028) to drive such innovation in the following QT fields; Quantum Metrology & Sensing, Quantum Information Technology, and Next-Generation Laser.

The International Forum on Quantum Metrology & Sensing (IFQMS) promotes international collaborations and new-generation activities for success in this challenging QT field. The 2nd IFQMS in 2019 will provide also a Joint Poster Session with other QT fields for interdisciplinary communication towards cooperative innovations.

Organized by Ministry of Education, Culture, Sports, Science and Technology (MEXT)
Supported by Cabinet Office (CAO), Ministry of Internal Affairs and Communications (MIC), Ministry of Economy, Trade and Industry (METI)

Date:   December 17 - 18, 2019
Venue: Kyoto Brighton Hotel
       Nakadachiuri, Shinmachi-Dori, Kamigyo-ku, Kyoto 602-8071, Japan
       https://www.brightonhotels.co.jp/kyoto/en/

Program (tentative):

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| Tue. Dec. 17  | 14:00 - 15:40 | Room Hanabusa   | **Opening Remarks**
Yasuhiro Arakawa (the University of Tokyo)
**Opening Talk**
Mutsuko Hatano (Tokyo Institute of Technology)
**Session 1: Invited Lectures**
Marco Genovese (Istituto Nazionale di Ricerca Metrologica)
Masahiro Kitagawa (Osaka University)

| Tue. Dec. 17  | 16:00 - 18:00 | Room Reika      | Joint Poster Session                                                    |

| Wed. Dec. 18  | 9:00 - 17:00  | Room Hanabusa   | **Session 2: Invited Lectures**
Gunnar Björk (Royal Institute of Technology (KTH))
Dmitry Budker (Johannes Gutenberg Univ., Mainz & Univ. California, Berkeley)
Christoph Nebel (Kanazawa Univ. & Fraunhofer IAF)
**Session 3: Oral Presentations**
Takayuki Iwasaki (Tokyo Tech), Ryuji Igarashi (QST)
**Session 4: Group Discussion**
**Session 5: Oral Presentations**
Bo Cao (Kyoto Univ.), Fumihiro Kaneda (Tohoku Univ.), Ryosuke Shimizu (UEC)
**Closing Remarks**
Hidemi Ishiuchi (Kioxia Corporation)

Registration fee: Free
Language: English
Maximum participants: 150
Registration form: https://www.jst.go.jp/kisoken/crest/isqt2019/index.html
Contact: Q-LEAP HQ Secretariat       Email: q.jimu@qleap.titech.ac.jp

revised on 6 Dec.