

The 1st International Forum on Quantum Sensing (IFQS2019)

Quantum Science and Technology has become the world-wide research trend for innovative future society. Japanese Government, MEXT, has decided to start the new project, Q-LEAP, for quantum science and technology, which has just launched on November 1st, 2018. In this project, head quarter for the diamond quantum sensing is placed at Tokyo Institute of Technology (Tokyo Tech). In these challenging projects, the international collaboration and encouragement of young scientists are important key points for project success. For this purpose, we have "International Forum on Quantum Sensing (IFQS2019)" from 17th to 19th Feb., 2019, in the Tokyo Tech campus (Ookayama).

DATE **17th (Sun.) - 19th (Tue.), February 2019**

Pre-registration is possible during 17:00-18:00 on 16th (Sat.) February at room 213 of EEI Bldg.

VENUE **West Bldg. 9, Multi-Purpose Digital Hall
Ookayama Campus, Tokyo Institute of Technology
2-11-1 Ookayama, Meguro-ku, Tokyo, 152-8550 Japan**

Registration fee : Free **Language** : English

Maximum participants : 200

Program (tentative)

17th (Sun.) February 10:30-17:45 (Registration starts at 10:00)

Opening Remarks from the Program Director

Prof. Yasuhiko Arakawa, The University of Tokyo

Plenary Lecture Prof. Amir Yacoby, Harvard University

Invited Lecture Prof. Fedor Jelezko, Ulm University

Invited Lecture Prof. Christoph Nebel, Fraunhofer Institute for Applied Solid State Physics

Panel Discussion Prof. A. Yacoby, Prof. F. Jelezko, Prof. C. Nebel, Prof. J. Wrachtrup (Univ. of Stuttgart), Dr. S. Yamasaki (AIST), Prof. M. Hatano (Tokyo Tech) and so on

17th (Sun.) February 18:00-20:30

Banquet (Each participant is required to pay about 2,000 JPY for drink)

18th (Mon.) February 9:00-18:00

Plenary Lecture Prof. Joerg Wrachtrup, University of Stuttgart

Oral and Poster Presentations

19th (Tue.) February 9:00-12:30 at the 1st Floor in EEI Bldg.

Free Discussion mainly by Young Researchers

Laboratory Tour

Application to attend IFQS2019 (deadline: 11th February)

From Web <https://form.gsic.titech.ac.jp/qleap/ifqs/entries/new>



Sponsored by:

MEXT Q-LEAP, Co-creative Center for Solid-state Quantum Sensor

Contact:

Q-LEAP HQ Secretariat Email: q.jimu@qleap.titech.ac.jp

The 1st International Forum on Quantum Sensing (IFQS2019)

SCHEDULE (tentative)

Sat., Feb. 16	Sun., Feb. 17	Mon., Feb. 18	Tue., Feb. 19
EEI Bldg. Room 213	West Bldg. 9 Multi-Purpose Digital Hall	West Bldg. 9 Multi-Purpose Digital Hall	EEI Bldg. 1st Floor Hall
		9:00	9:00
		Plenary Lecture Prof. Joerg Wrachtrup	Free Discussion by Young Researchers
10:00	10:00	Break	10:00
10:30	10:30	Oral Presentations 20mins (including 3mins Q&A) x 5	10:30
10:40	10:40	Lunch	11:00
11:00	11:00		11:00
Registration	Registration	Oral Presentations 20mins (including 3mins Q&A) x 6	11:00
Opening	Opening	Break	11:30
Opening Remarks	Opening Remarks		12:00
Plenary Lecture Prof. Amir Yacoby	Plenary Lecture Prof. Amir Yacoby	Poster Presentations (Media Hall)	12:00
Group Photo	Group Photo		12:30
12:30	12:30	Lunch	Lab Tour
Lunch	Lunch		13:00
13:00	13:00	Oral Presentations 20mins (including 3mins Q&A) x 5	Award Ceremony
Meeting for International Collaboration (Seiyoken)	Meeting for International Collaboration (Seiyoken)		
13:30	13:30	Break	11:30
Invited Lecture Prof. Fedor Jelezko	Invited Lecture Prof. Fedor Jelezko		12:00
14:00	14:00	Break	Lab Tour
Invited Lecture Prof. Christoph Nebel	Invited Lecture Prof. Christoph Nebel		
14:30	14:30	Poster Presentations (Media Hall)	Award Ceremony
Panel Discussion Prof. A. Yacoby, Prof. J. Wrachtrup Prof. F. Jelezco, Prof. C. Nebel Dr. S. Yamazaki, Prof. M. Hatano etc.	Panel Discussion Prof. A. Yacoby, Prof. J. Wrachtrup Prof. F. Jelezco, Prof. C. Nebel Dr. S. Yamazaki, Prof. M. Hatano etc.		
15:00	15:00	Break	11:30
Break	Break		12:00
15:50	15:50	Poster Presentations (Media Hall)	Lab Tour
16:00	16:00		
16:15	16:15	Poster Presentations (Media Hall)	Award Ceremony
Pre-registration	Pre-registration		
17:00	17:00	Poster Presentations (Media Hall)	Award Ceremony
17:45	17:45		
18:00	18:00	Poster Presentations (Media Hall)	Break
Banquet (Venue: Collaboration Room)	Banquet (Venue: Collaboration Room)		11:30
19:00	19:00	Poster Presentations (Media Hall)	Lab Tour
20:00	20:00		
20:30	20:30	Poster Presentations (Media Hall)	Lab Tour

VENUE

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