

The 1st International Forum on Quantum Sensing (IFQS2019)

revised on 12 Feb.

Quantum Science and Technology has become the world-wide research trend for innovative future society. The Japanese Government, MEXT, has just launched the new program, Q-LEAP, for quantum science and technology on November 1st, 2018. The program covers three fields: Quantum Information Processing, Quantum Metrology & Sensing, Next-Generation Laser. In these challenging fields, international collaboration and encouragement of young scientists are key factors for project success. For this purpose, HQ of Quantum Metrology and Sensing organizes International Forum on Quantum Sensing (IFQS). The first Forum focuses on diamond quantum sensing, the theme of Flagship project of this field, held in Tokyo Tech from 17th to 19th Feb., 2019.

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
2-12-1 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

Free Discussion mainly by Young Researchers

Laboratory Tour

Application to attend IFQS2019 (deadline: 14th February)

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



Organized by:

Q-LEAP Quantum Metrology and Sensing HQ, Tokyo Institute of Technology
School of Engineering, Tokyo Institute of Technology

Contact:

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

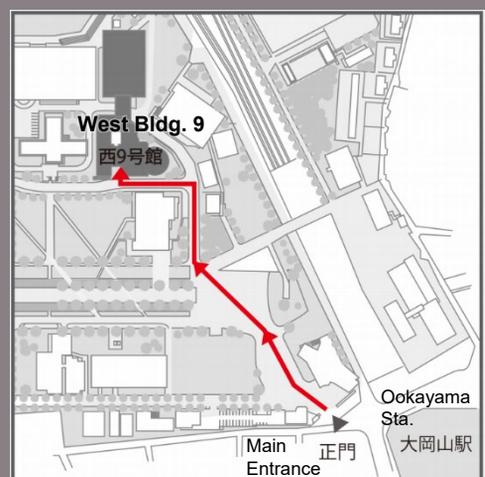
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SCHEDULE (tentative)

Sat., Feb. 16		Sun., Feb. 17		Mon., Feb. 18		Tue., Feb. 19	
				9:00	Plenary Lecture Prof. Joerg Wrachtrup	9:00	Free Discussion by Young Researchers
						9:30	
		10:00		10:00	Break	10:00	
		10:30		10:20		10:30	
		10:40		11:00	Oral Presentations 20mins (including 3mins Q&A) x 5	11:00	Award Ceremony
		11:00		11:00		11:30	Break
				12:00		12:00	Lab Tour
				12:00		12:30	
		12:00		12:00	Lunch Break		
		12:30		13:00			
		13:00		13:00			
		13:30		13:30			
		14:00		14:00	Oral Presentations 20mins (including 3mins Q&A) x 6		
		14:30		15:00			
		15:00		15:00			
		15:50		15:30			
		16:00		16:00	Break		
		16:15		16:00			
		17:00		17:00	Poster Presentations (Media Hall)		
		17:00		17:00			
		17:45		18:00			
18:00	Pre- registration	18:00		18:00			
		19:00					
		20:00					
		20:30					

VENUE

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2-12-1 Ookayama, Meguro-ku, Tokyo,
152-8550 Japan



To participant who prefers your presentation

By January 25 (Fri.): Submit your Application Form (including a tentative title).

By January 29 (Tue.): We request you either oral or poster presentation.

By February 5 (Tue.): Submit your Abstract by using the designated template (one page).

Download the template from http://www.rso.titech.ac.jp/jp/qleap/Template_IFQS2019.doc