

Date/Time

Monday, July 28, 2025, 14:00–19:00

Venue

Ichō-Kaikan, The University of Osaka
Suita Campus, The University of Osaka, Japan

Program (Tentative)

Lab Tour (optional)

Venue: [Techno-Alliance Building A, 5th Floor, Elevator Area](#)



14:00 – 14:50 Lab Tour (optional)

Satellite Workshop

Venue: [Hankyu Corporation-Sanwa Bank Hall, 3rd Floor, Ichō Kaikan](#)

15:00 – 15:03 **Opening Remarks by Prof. Yoshie Harada** (The University of Osaka)

15:03 – 16:33 **Invited Talks (Including Q&A)**

- 15:03

- Dr. Huan-Cheng Chang

Distinguished Research Fellow, Academia Sinica, Taiwan
- 15:33

- Dr. Shingo Sotoma

Assistant Professor, Kyoto Institute of Technology, Japan
- 15:53

- Dr. Ronald Ulbricht

Group Leader, Max Planck Institute, Germany
- 16:13

- Dr. Naota Sekiguchi

Assistant Professor, Institute of Science Tokyo, Japan

16:33-17:00 Break

17:00-17:30 **Short Poster Presentations** (1–2 minutes per presenter)

No.	Name	Department, Affiliation	Title
1	Yuta Araki	D2, Science Tokyo	Filtered Boxcar-Averaging Detection of Diamond NV Ramsey-based Magnetometry for Enhancing DC Field Sensitivity
2	Keisuke Fujita	WPI-PRiMe, UOsaka	Correlation Analysis of Intracellular Temperature Heterogeneity and Subcellular Structures
3	Masanori Fujiwara	Institute for Chemical Research, Kyoto Univ.	Single tin-vacancy center in nanodiamond synthesized via detonation process
4	Koyo Hirai	M2, Institute of Science Tokyo	Bright Single Lead-Vacancy Center in Diamond Solid Immersion Lens
5	Junya Hirata	Graduate Student, Kyoto institute of technology	Development of gold nanorods with structural stability and strong aggregation resistance
6	Yuki S. Kato	4th-year undergraduate student, UOsaka	Fluorescent Thermometers Based on Carbon Quantum Dots with Various Detection Modes for Intracellular Temperature Measurement
7	Yuki Sakurai	M1, Kyoto institute of technology	Microwave-Assisted Synthesis of Carbon Quantum Dots from Corncobs and Their Characterization
8	Suzune Shimomura	Master's Student, Kyoto Institute of Technology	Hexagonal Boron Nitride Nanoparticles as Intracellular Temperature Nanosensors
9	Kota Shiraya	Master's Programs, Kyoto Institute of Technology	All-Optical Thermometry and Multicolor Fluorescent Labeling with Carbon Quantum Dot and Fluorescent Nanodiamond
10	Hayate Yamano	Toyota Motor Corp. Science Tokyo	Non-destructive Metal Particle Inspection Using Diamond Quantum Sensors

Venue: **Large Meeting Room, 3rd Floor, Ichō Kaikan**

17:30-19:00 Technical Discussions & Networking Session (with light refreshments)

A session for technical discussions on individual posters, advisor feedback, and information exchange.

Organizing Committee

- Chair: Prof. Yoshie Harada (UOsaka)
- Vice Chair: Prof. Tadashi Sakai (Science Tokyo)
- Prof. Takayuki Iwasaki (Science Tokyo), Prof. Norikazu Mizuochi (Kyoto U), Dr. Yuichi Yamazaki (QST), Dr. Hiromitsu Kato (AIST), Dr. Shingo Sotoma (KIT)
- (Tentative as of July 22, 2025)