

The 18th IAESREC Science Café in collaboration with Sciencescope

To foster international connections and promote knowledge exchange among researchers, this special edition of Science Café is organized in collaboration with Sciencescope, the association of French-speaking researchers and students in Japan. The hybrid event features one oral presentation and four poster presentations.

Oral presentation (17:00 – 18:15)

Physics-Informed Machine Learning for Soft Matter

Dr. John J. Molina

Assistant professor, Department of Chemical Engineering, Kyoto University



Poster presentations by doctoral students

(18:15 – 19:30 during the small gathering with food and beverages)

Shaoning Zhang

"Unprotected Organic Cations in Highly Li-Concentrated Ionic Liquid Electrolytes"

Tsubasa Uchida

"Study on the Conductive Buffer Layers for the Ag-Free High Temperature Superconducting Wires"

Luo Dong

"Mössbauer Spectroscopy of Mechanochemically Synthesized Corundum-Type Solid Solution $(\text{Fe}_2\text{O}_3)_{1-x}(\text{Al}_2\text{O}_3)_x$ "

Yanlin Wang

"Strain-induced Novel Optical Properties of Excitonic States in MoSe₂/WSe₂ Heterostructure"

Date and time:

January 16th (Thu.) 2025

From 17:00

Venue:

IAESREC Seminar Room (Room 302),
Faculty of Engineering Integrated Research Bldg.,
Yoshida Campus, Kyoto University

Language: **English and French**

Contact: IAESREC members (iaesrec@energy.kyoto-u.ac.jp)



Link for registration :

<https://us02web.zoom.us/meeting/register/D6NiZCIXSBOVzYfgGfr3tw#/registration>

Join us!



sciencescope

Association des étudiants et chercheurs francophones au Japon
<https://www.sciencescope.org>

What is IAESREC Science Café?

Since 2019, the International Advanced Energy Science Research and Education Center (IAESREC) has hosted Science Cafes, providing researchers, faculty members and graduate students with opportunities for open discussions on science and featuring speakers from diverse research fields.

What is Sciencescope?

Sciencescope is a non-profit association founded in 1993 that connects French-speaking researchers and students linked to Japan. It promotes exchanges within this community, offers resources like funding information and practical advice for expatriates, and organizes events such as French-language scientific meetings, research days and Science cafes.