

■ The 3rd Symposium of Division of Energy Engineering, Society of Chemical Engineers, Japan "Development of heat storage technology in Japan and China"

The 3rd Symposium of Division of Energy Engineering, Society of Chemical Engineers, Japan, is held as an international symposium, inviting lecturers from China, covering from the fundamentals to the prospects of thermal energy storage. Lectures by the top researchers in this field will deepen your understanding of the fundamental knowledge. Through learning the general direction of the technology, mutual understanding and discussion, and clarification of the problems, it aims to make a contribution to determine the needed development in the field of energy storage that is wanted in the decarbonized society. We hope you can join this important event. We have prepared a long time for discussion so that participants can exchange their opinions well.

Date and time: Thursday, Feb., 27, 2025 13:00-17:00

Venue: Hybrid of on-site and on-line (ZOOM)

On-site: TKP Garden City PREMIUM Akihabara

Front Place Akihabara 2F & 3F, 1-7-5 Sotokanda, Chiyoda-ku,

Tokyo 101-0021 JAPAN

Tel: +81-3-5289-7099

URL : https://www.kashikaigishitsu.net/facilitys/gcp-akihabara/?ctid=ad_msa_kk0101

Organized by Division of Energy Engineering, Society of Chemical Engineers, Japan
Cooperation (expected) by:

Division of Thermal Engineering, Society of Chemical Engineers, Japan

Division of Environment, Society of Chemical Engineers, Japan

Participation fee: JPY 5,000 (for both on-site and on-line)

Reception: JPY 8,000 (optional)

Registration: <https://i-aeu.org/250227enesymp/reg.html>

Due date for registration and payment: Tuesday, Feb. 18, 2024

The preprint and receipts will be sent by mail.

Program

13:00-13:05 Opening

Graduate School of Advanced Science and Engineering, Hiroshima University
Prof. Yukihiro Matsumura

13:05-13:45 "Research on Calcium Looping-Based Thermochemical Energy Storage Integrated with CO₂ Capture Technology"

School of Environmental Science & Engineering, Tianjin University
Associate prof. Han Rui

13:45-14:25 "Situation of Development and Prospects of Application for Latent Heat Storage Technology for Middle and High Temperature"

Graduate School of Engineering, Hokkaido University
Prof. Takahiro Nomura

14:25-14:35 Break

14:35-15:15 "Thermal energy storage for heat upgrade and waste heat recovery"

School of Automotive Engineering, Wuhan University of Technology.
Prof. Yu Qinghua

14:15-15:55 "Practice of Pre-emptive Life-Cycle Design Evaluation using Heat Storage as an Example"

Institute for Future Initiatives, The University of Tokyo
Project Assoc. Prof. Shoma Fujii

15:55-16:55 Discussion

Coordinator: Graduate School of Advanced Science and Engineering, Hiroshima University

Prof. Yukihiro Matsumura

16:55-17:00 Closing

College of Science and Engineering, Kanazawa University
Prof. Mikio Kumita

17:30-19:00 Reception

Chair: Graduate School of Advanced Science and Engineering, Hiroshima University
Assist. Prof. Mengli Zhang

Organizing committee:

Chair Yukihiro Matsumura
Secretary Mengli Zhang
Member Takahiro Nomura
Member Xin Zhou

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