

## 4th International Seminar on Heat Transfer and Fluid Flow

早春の京都で、熱を語り、未来を描く。日欧研究者が集う国際セミナー

Exploring Heat and the Future – Connecting European and Japanese Researchers in Early Spring Kyoto

The Kansai Branch International Exchange Committee of the Heat Transfer Society of Japan will hold the following international seminar. At the seminar, we are honored to have a keynote lecture by Prof. Wilko Rohlfs of RWTH Aachen University, as well as invited lectures by Dr. Daniel Kroniger of Kawasaki Heavy Industries, Ltd. and Prof. Anna Sychonshchyk of the Institute of Industrial Science, The University of Tokyo. We understand that you may have a busy schedule, but we would be most grateful if you could join us.

日本伝熱学会関西支部国際交流委員会は、以下の国際セミナーを開催いたします。セミナーでは、ドイツ・アーヘン工科大学の Wilko Rohlfs 先生に基調講演をいただき、川崎重工業（株）のダニエル・クロニガー博士、東京大学のアンナ・シチョンシコ先生に講演いただきます。ご多忙の折とは思いますが、是非ご参加いただければ幸いです。

**Date:** March 27, 2026

日時: 2026 年 3 月 27 日(金)

**Venue:** Waraku-an, Kyoto Institute of Technology

Matsugasaki, Sakyo-ku, Kyoto, 606-8585 JAPAN

和楽庵, 京都工芸纖維大学, 京都市左京区松ヶ崎



### Program

**Opening Remarks** 13:15 – 13:30

**Keynote Lecture** 13:30 – 14:30

Interfacial Phenomena in Heat and Mass Transfer

Prof. Dr.-Ing. **Wilko Rohlfs**

Institute of Heat and Mass Transfer, RWTH Aachen University

**Lecture 1** 14:40 – 15:20

IR-Borescope for measuring the wall temperature profile of the hot passage of a gas turbine

Dr. -Ing. **Daniel Kroniger**

Kawasaki Heavy Industries, Ltd.

**Lecture 2** 15:30 – 16:10

From microstructure to performance: data-efficient machine learning for electrochemical devices

Prof. Dr. **Anna Sciazko**

Institute of Industrial Science, The University of Tokyo

**Panel Discussion** 16:20 – 17:20

Engineering Education, Research, and Career Development in Europe and Japan

Chair: Prof. Kazuya Tatsumi

Short presentations by:

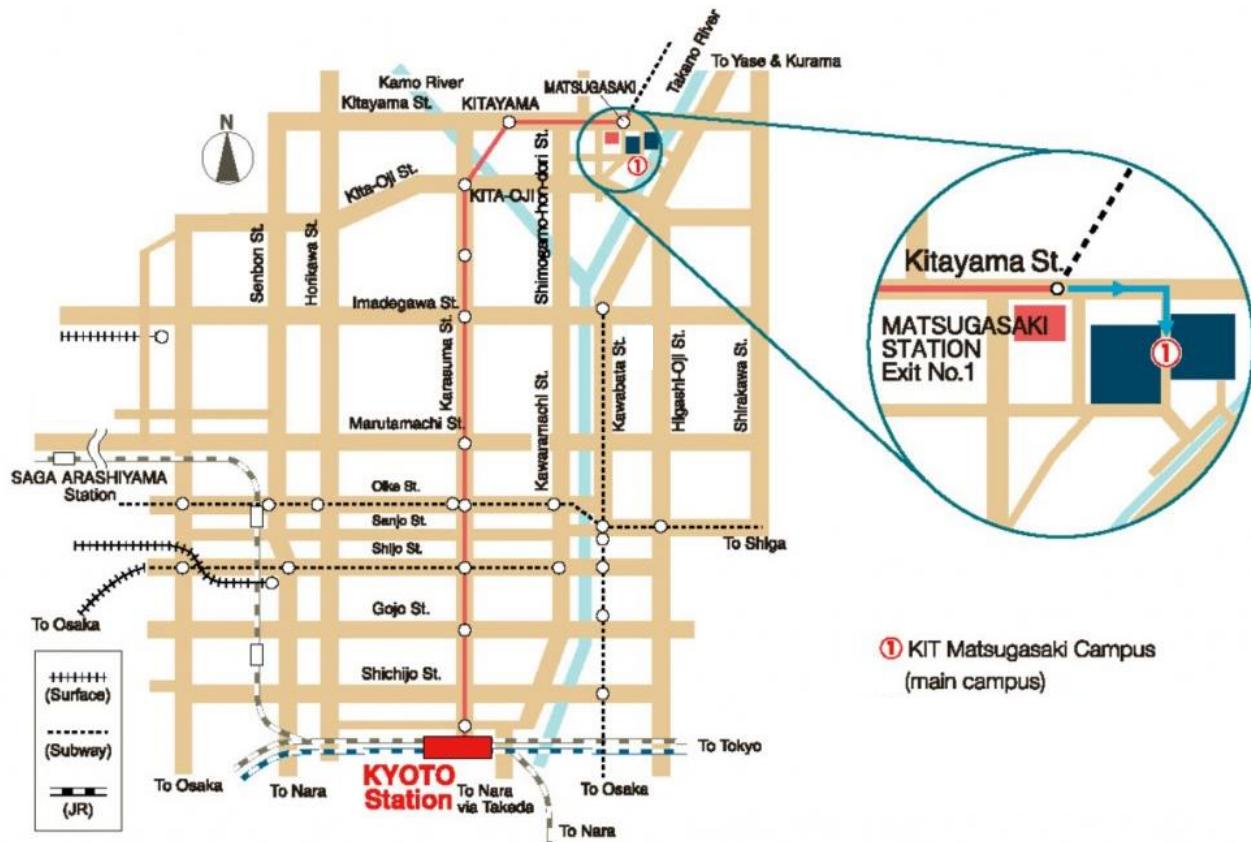
Prof. Rohlfs, Dr. Kröniger, Prof. Sciazko, Prof. Matsumoto

Followed by open discussion.

**Networking Session** 17:30 - 19:00 @ Waraku-an 1st floor

Following the seminar, an in-person Discussion & Networking Session will be held on the ground floor of Waraku-an. The participation fee will be around JPY 5,000.

## Access



## Kyoto Institute of Technology Matsugasaki Campus

