APESS 2024

2024 Asia-Pacific-Euro Summer School on Smart Structures Technology

July 1-19, 2024
Funai Tetsuro Auditorium
Kyoto University, Kyoto, Japan

About

APESS2024 is an intensive three-week programme organised by the Graduate School of Engineering, Kyoto University, consisting of coursework, lectures, laboratory exercises, technical visits and cultural activities. The programme includes lectures by world-leading experts in the fields of civil engineering, structural dynamics and control, smart structural technology and structural health monitoring, as well as a capstone competition, allowing students to consolidate the knowledge gained during the summer school.

APESS2024 is intended for graduate students, PhD students, and post-doctoral researchers working in the field of emerging technologies and data analysis applied to structural health monitoring, structural dynamics, structural control and data science.

Aim

The APESS programme aims to provide participants with an up-to-date international programme related to smart structures and structural health monitoring, building on the achievements of participating countries in smart structures technology. It is expected that this will also lead to the development of a structured educational framework. Through this programme, participants are exposed to leaders in the field, both nationally and internationally, and can use this exposure to design their future careers.

Themes

- Structural Diagnosis and Prognosis
- Physics-informed Machine Learning and Data-driven Modeling
- Smart Structures Technology, Construction, Sensing and Materials
- Structural Dynamics, Control Theory and Applications

Important Dates and Information

Early-bird registration: 30 April 2024
Accommodation: limited capacity; book from APESS2024 website

Contact Us

Secretariat: Dr. Kai-Chun CHANG
Email: apess2024@gmail.com
URL: infra.kuciv.kyoto-u.ac.jp/APESS2024

Chair: Prof. Chul-Woo KIM
Email: kim.chulwoo.5u@kyoto-u.ac.jp
Phone: +81-75-383-3421