

AAID 2023

~Call for Papers~



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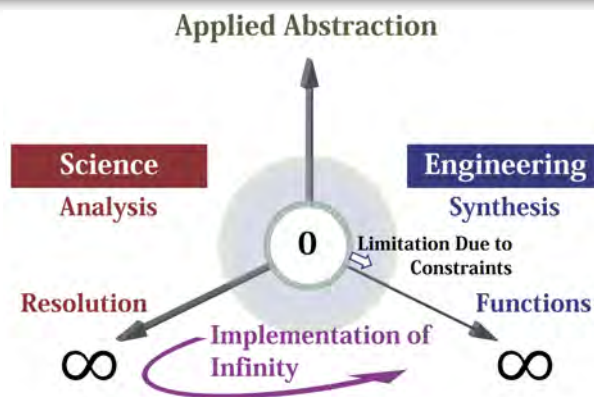
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Wataru Yamanouchi, Japan

AAID is the first international symposium on applied abstraction and integrated design. Applied abstraction is a new concept for integrating science and engineering of next generation. Science is a study on infinite-analysis of natural phenomena based on discovering. In contrast, engineering is a study on synthesis of functions based on developing. The target of applied abstraction is to reveal solutions that build a bridge between infinite-analysis of science and modeling of engineering by conducting integrated system designing, aiming for creating a simple and strong idea toward construction of human-support systems instead of creating different solutions for each individual. The AAID 2023 will be held in Yokohama, Japan. Papers with new research results are encouraged for submission.

Applied Abstraction and Integrated Design



Technical Topics

Topics of interest include all aspects of human-support systems based on applied abstraction and integrated design, but not limited to, the following areas:

- Abstraction Science and Engineering
- Wave System and Distributed Parameter System
- Innovative System Design
- Real Time and Time Delay Control
- Data Robotics and Mechatronics
- Human Support and Super Human

Important Dates

- Deadline for Paper Submission: Feb. 1, 2023
- Notification of Acceptance: Feb. 10, 2023
- Deadline for Submission of Final Manuscripts: Feb. 17, 2023
- Deadline for Online Registration: Feb. 17, 2023



Details of Technical Topics

❑ Abstraction Science and Engineering

Applied Mathematics, Massive Data, Human Modeling and Abstraction

❑ Wave System and Distributed Parameter System

Wave Control, Infinite Degree-of-freedom Systems, Vibration, Sound, and Thermal Systems

❑ Innovative System Design

Integrated Design, Intelligent Sensors and Actuators, Sensations and Interfaces

❑ Real Time and Time Delay Control

Real-Time Processing, Time Delay and Tele Systems, Integration of Time and Space

❑ Data Robotics and Mechatronics

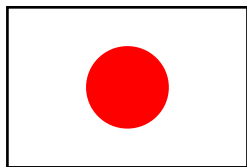
Artificial Intelligence, Database and Monitoring, Super Industry Systems

❑ Human Support and Super Human

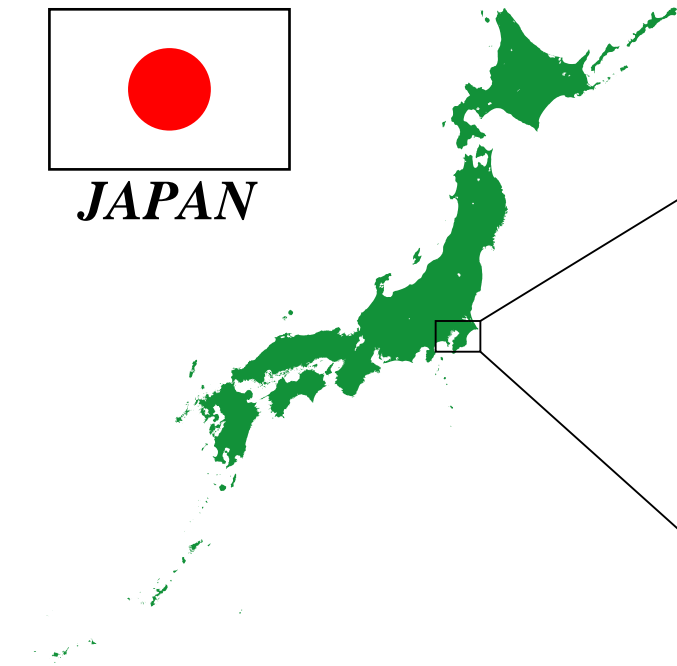
Medical and Bio Systems, Quality of Life, Human and Society

Conference Venue

The workshop will be held at Hiyoshi Campus of Keio University, Yokohama, Japan.
The venue is located next to the Hiyoshi Station of Tokyu-Toyoko line.

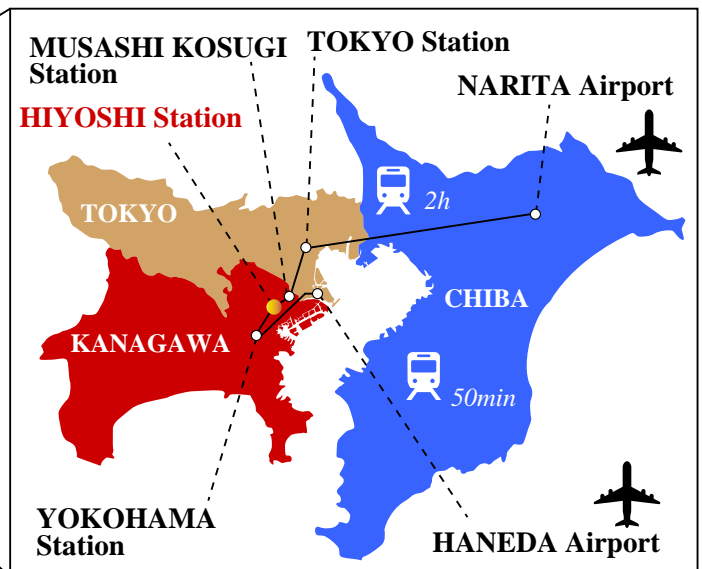


JAPAN



Hiyoshi Campus of Keio University

Address : 4-1-1 Hiyoshi, Kohoku, Yokohama, 223-0061, Japan

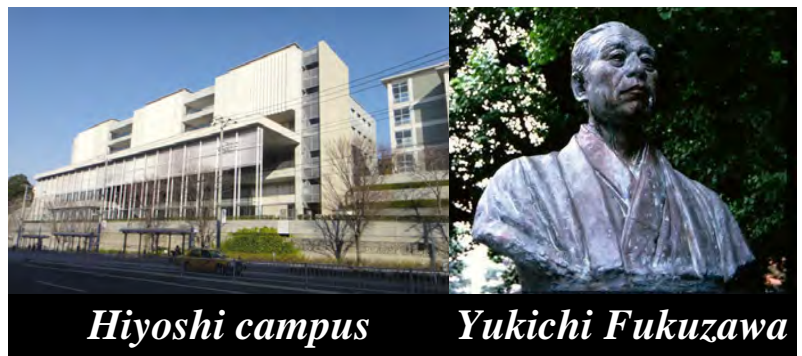


Keio University



History of KEIO University

- ❑ **1858:** Yukichi Fukuzawa established a school for Dutch studies.
- ❑ **1890:** Keio University established a college.
- ❑ **1939:** Fujiwara Institute of Technology which was predecessor of the Faculty of Engineering of KEIO University was established.
- ❑ **1981:** Faculty of Engineering was reorganized and expanded as the Faculty of Science and Technology.
- ❑ **1985:** Graduate School of Science and Technology were established.
- ❑ **1996:** Department reform of Faculty of Science and Technology took place.
- ❑ **2008:** Ceremony for the 150th Anniversary of the establishment of KEIO was held.
- ❑ **2019:** 80th Anniversary of the establishment of the Faculty of Engineering



Hiyoshi campus

Yukichi Fukuzawa