

AAID 2017

~Call for Papers~



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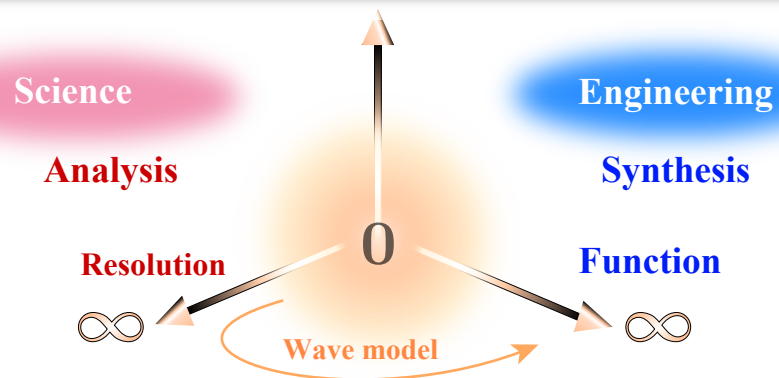
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AAID is the first international symposium on applied abstraction and integrated design. Applied abstraction is a new concept for integrating science and engineering of next generation. Science is a study on infinite-analysis of natural phenomena based 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 2017 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
- Smart Robotics and Mechatronics
- Human Support and Super Human

Important Dates

- Deadline for Full Paper Submission: Dec. 23, 2016
- Notification of Acceptance: Jan. 15, 2017
- Deadline for Submission of Final Manuscripts: Feb. 15, 2017
- Deadline for Online Registration: Feb. 15, 2017



Instruction for Presenters

Prospective authors in AAID2017 can select three types of presentation styles: Regular Presentation, Teaser and Poster Presentation, and Journal Paper Presentation. The working language of the conference is English.

□ Regular Presentation

- 15 min. for presentation
- 5 min. for questions and answers

Instruction of Regular Presentation

A paper proposal describing work not previously published or presented have to be electronically submitted in PDF file through the conference website no later than the deadline. Normally, the paper proposal should be 2-6 pages long (maximum 10 pages can be also admitted at an additional payment), two-column, single-space, on A4 format with supporting figures, tables and references, headed by title of paper and choice of topic category.

□ Teaser and Poster Presentation

- 2 min. for teaser presentation
- 30 min. for poster presentation

Instruction of Teaser and Poster Presentation

A paper for teaser and poster presentation describing work not previously published or presented have to be electronically submitted in PDF file through the conference website not later than the deadline. Normally, the paper proposal should be 1-6 pages long (maximum 10 pages can be also admitted at an additional payment), two-column, single-space, on A4 format with supporting figures, tables and references, headed by title of paper and choice of topic category.

□ Journal Paper Presentation

- 15 min. for presentation
- 15 min. for questions and answers

Instruction of Journal Paper Presentation

A journal paper describing work that was previously published can be presented in the conference. Details of the paper that include journal name, vol., no., pp., year, date of publication, journal impact factor, paper title, list of authors, and abstract have to be electronically submitted in a Word file through the conference website no later than the deadline.

Registration

Registration fees are listed below.

	<i>Early Registration (before 15/2/2017)</i>	<i>On-Site</i>
Regular Presentation	¥30,000	
Teaser and Poster Presentation	¥30,000	
Journal Paper Presentation	¥20,000	
Attendance Only	¥30,000	¥35,000
Regular Presentation (student)	¥3,000	
Teaser and Poster Presentation (student)	¥3,000	
Journal Paper Presentation (student)	¥3,000	
Attendance Only (student)	¥3,000	¥5,000

*The registration fee covers a proceedings in a USB memory and Banquet fee.

*The student registration fee does not include a Banquet fee.

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

❑ Smart Robotics and Mechatronics

Quick and Dexterous Manipulations, Ultra-Precision Systems, Industrial Electronics and Applications

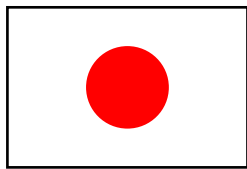
❑ Human Support and Super Human

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

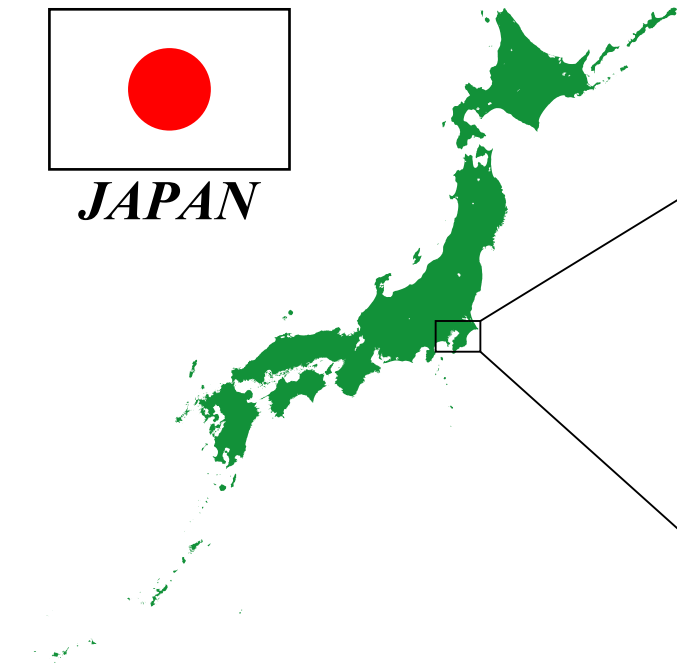
Conference Venue

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.

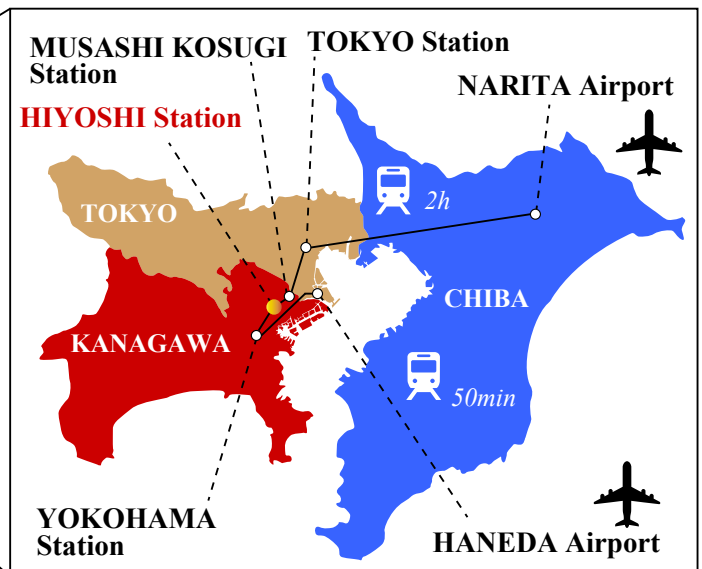


JAPAN



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.
- ❑ **2014:** Ceremony for the 75th Anniversary of the establishment of the Faculty of Engineering was held.



Hiyoshi campus

Yukichi Fukuzawa