

Brief History of AIM

Hideki HASHIMOTO (Chuo Univ.)

IEEE/RSJ IROS 1988 Tokyo

- Prof. Fumio HARASHIMA Advisor
- Prof. Toshio FUKUDA General Chair
- Prof. Hideki HASHIMOTO Vice Program Chair

IEEE/ASME Transactions on Mechatronics in 1996

- Founding EIC Prof. Fumio HARASHIMA

1995 We decided to start a new conference as a flag conference of the transaction. → AIM

Before 1997

- 1991-94 **Intelligent Mechatronics** funded research by Toshiba in Univ. of Tokyo
- **Masayoshi TOMIZUKA**
- **Ren LUO**
- **Vadim UTKIN**

Before 1997

International Conference on Recent Advances in Mechatronics (ICRAM'95), Istanbul, Turkey, 1995
Organized by Professor **Okyay KAYNAK**

We decided to have a new conference series of Mechatronics as a flagship conference of IEEE/ASME Transactions on Mechatronics.

The name was discussed a lot and then we reached "**Advanced** Intelligent Mechatronics (AIM)".

AIM 97 (1st AIM)

- Tokyo Waseda University
- General Chair Hideki HASHIMOTO
- General co-chair Kok-Meng LEE (GC 1999)
- Secretary, Local Chair Shigeki SUGANO (GC 2003)
- IEEE IES and RAS, ASME
- Every second year(97-2005) → Every Year (2007-)

- AIM 97 Tokyo, JAPAN Prof. Hideki HASHMOTO
- AIM 99 Atlanta, USA Prof. Kok-Meng LEE
- AIM 01 Como, ITALY Prof. Bruno SICILIANO
- AIM 03 Kobe, JAPAN Prof. Shigeki SUGANO
- AIM 05 Monterey, USA Prof. Ning XI
- AIM 07 Zurich, SWISS Prof. Roland Siegwart

- AIM 08 Xian, CHINA Prof. Max MENG
- AIM 09 Singapore Prof. I-Ming CHEN
- AIM 10 Montreal, CANADA Pro. Bin YAO
- AIM 11 Budapest, HUNGARY Prof. Peter KORONDI
- AIM 12 Kaohsiung, TAIWAN Prof. Len LUO
- AIM 13 Wollongong, AUSTRALIA Prof. Gursel ALICIA
- AIM 14 Besançon, FRANCE Prof. Nicolas CHAILLET
- AIM 15 Busan, KOREA Prof. Jang Myung LEE

- AIM 16 Banff, CANADA Prof. Jordan BERG
- AIM 17 Munich, GERMANY Prof. Martin BUSS
- AIM 18 Auckland, New Zealand Prof. Shane XIE
- AIM 19 Hong Kong Prof. Dong SUN
- AIM 20 Boston, USA Prof. Jingang YI
- AIM 21 Delft, Neterland Prof. Heike VALLERY
- AIM 22 Sapporo, JAPAN Prof. Mihoko NIITSUMA
- AIM 23 Seattle, USA Prof. Santosh DEVASIA
- AIM 24 Boston, USA Prof. Xiang CHEN
- AIM 25 Hangzhou, China Prof. Jian CHEN

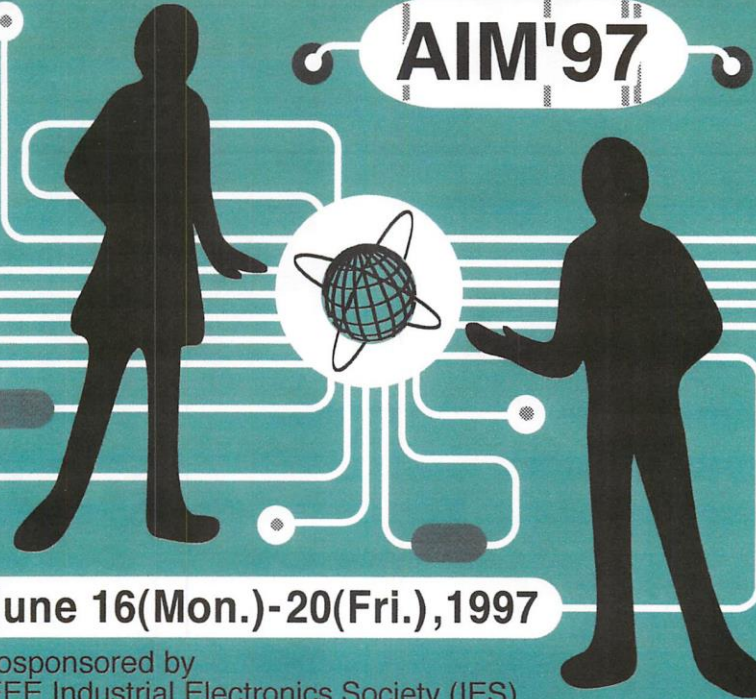


IEEE / ASME



International Conference on
Advanced Intelligent Mechatronics '97

AIM'97



June 16(Mon.)-20(Fri.), 1997

Cosponsored by
IEEE Industrial Electronics Society (IES)
American Society of Mechanical Engineers (ASME)
IEEE Robotics and Automation Society (RAS)
Waseda University

Final Program & Abstracts

Waseda University, TOKYO, JAPAN



IEEE/ASME



**International Conference on
Advanced Intelligent Mechatronics '97**

- AIM'97 -

Advance Program

AIM'97 Secretariat

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Waseda University, Tokyo, Japan

Cosponsored by

IEEE Industrial Electronics Society (IES)
American Society of Mechanical Engineers (ASME)
IEEE Robotics and Automation Society (RAS)
Waseda University

WELCOME MESSAGE

You are welcome to the 1st IEEE/ASME International Conference on Advanced Intelligent Mechatronics (AIM'97).

The word "mechatronics" is originally a Janglish (Japanese-English) word, derived from the liason of "mechanics" and "electronics", however, it is now widely used all over the world. In fact, the IEEE/ASME joint "Transactions on Mechatronics" was established in March 1996. To celebrate this event, we have organized a conference specialized in "Advanced Intelligent Mechatronics (AIM)".

AIM'97 is the first of a unique conference series, where researchers, engineers and business people who are interested in the mechatronics field are able to present a variety of papers in this area and strengthen the role of mechatronics as an emerging engineering technology in the coming 21st century. The conference covers a wide area of subjects related to mechatronics and intelligent systems for scientific and industrial applications including modelling and design methodologies, system integration, actuators and sensors, intelligent control, robotics, manufacturing, motion control, vibration and noise control, micro devices and optoelectronic systems, automotive systems, and intelligent systems. New approaches to mechatronics by fusing mechanical systems technology, communication technology, computational intelligence, etc. will be intensively discussed in our conference.

The program includes around 150 technical papers, 4 plenary talks, and 2 special sessions. You can also enjoy workshops, technical tours, a specially prepared demonstration, and exhibitions by selected companies.



Hideki Hashimoto

General Chairman of AIM'97



Committee members

General Chairman:

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KUBOTA (ISAS, Japan)

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Electro-Mechanic Technology Advancing Foundation

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In cooperation with:

Institute of Electrical Engineers of Japan (IEEJ)
Japan Society of Mechanical Engineers (JSME)
Society of Instrument and Control Engineers (SICE)
Japan Society of Precision Engineers (JSPE)
Institute of Electronics, Information and Communication Engineers (IEICE)
Robotics Society of Japan (RSJ)
Institute of Systems, Control, and Information Engineers (ISCIE)

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