

# FIRST ASIAN CONTROL CONFERENCE

Tokyo, Japan, July 27-30, 1994

The Asian Control Conference (ASCC) is a new international conference in the field of control science and technology, to be held periodically, in one of the Asian countries. Its objectives are related with the innovative development of control science and technology and with the advances made in the fields in Asia.

The first Asian Control Conference was organized by the Steering Committee of Asian Control Conference (ASCC), Society of Instrument and Control Engineering (SICE), Institute of Systems, Control and Information Engineering (ISCIE), in co-operation with International Federation of Automatic Control (IFAC).

The four-day ASC Conference took place at Tokyo Metropolitan Institute of Technology (TMIT), from July 27 to July 30, 1994, and was attended by more than 700 participants. More than 660 papers from all over the world were presented in 117 regular sessions, and 34 special sessions. Furthermore, 4 survey papers were presented, with the following topics:

1. Regulation and Tracking in Non-linear Systems with Gain- bounded Perturbations (Professor A. Isidori, Universita "La Sapienza", Roma).
2. Intelligent Control Techniques for Mobile Service Robot Applications (Professor G. Schmidt, Technische Universität München).
3. Advances of Predictive Controls: Theory and Applications (Professor Wook-Hyun Kwon, Seoul National University).
4. Even-Driven Intelligent Machines (Professor Tzyh-John Torn, Washington University).

The Opening Ceremony made a very interesting point for all the conference to begin by placing the audience in an inquisitive state of mind when listening to President of Rissho University and Chief Priest of Horyuji Temple in Tokyo, Professor Hoyo Watanabe's dissertation on "Buddhism in the High-technology".

Ordinary technical sessions' papers covered both theoretical and practical/implementation aspects, with the following topics: Non-linear Control Theory, Adaptive Control, Learning Control, Digital Control Theory, Robust and H-infinity Control, Identification, Game Theory, Design Theory and CAD Systems, Discrete Event Systems, Intelligent Control, Process Control, Automation Control in Metal, Food, and other Industries, Control of Automobile, Train, Ship, and other Traffic Systems, Aerospace and Flight Control, Guidance and Navigation, Robotics and Mechatronics, Machine Intelligence and Computer Vision, Data Processing and Technical Diagnosis, etc.

An ASCC Young Author Prize was awarded to the best young authors.

Two technical visits were paid by ASCC participants to:

1. Toshiba Corporation Fuchu Works and Suntory Musashino Brewery.
2. Yokogawa Hewlett Packard Co. and Hino Motors Ltd.

Also, a small but highly relevant exhibition on the latest control technologies, software, control text and educational books, was hosted by the Conference.

The scientific level of the papers and the presentations keep up very high. All in all the participants are pleased to recall a successful Conference. Members of the Organizing Committee and Programme Committee have done an excellent job, by cleverly conducting the Conference and by offering optimal physical and atmospheric conditions to the participants.

The 2nd Asian Control Conference is due to take place in Seoul, in 1997.

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