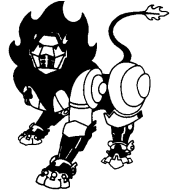




Singapore Robotic Games 2000



Presents

Annual Public Lecture

Education and Research Direction toward Intelligent Robotic System through Robotic Games

By

Prof. Toshio Fukuda
Nagoya University, Japan

DATE: Tuesday 23 May 2000

TIME: 10.00 am – 10.45 am

VENUE: Singapore Polytechnic, Lecture Theatre 1A(A)

SYNOPSIS:

There have steadily been growing the varieties of the Robotic Games in the world. Those activities are important from both education and research viewpoint to the future of the intelligent robotic system:

- (1) They will attract many people, including the young students and senior citizens, for their interests of their careers. Young will have chance to devote their possible future in the robotics, while senior will participate based on their abundant experiences.
- (2) They will surely raise the young research scientists with enthusiasms in Robotic research communities and also give opportunities to the senior to make use of their skill and knowledge.

It goes without saying that Robotics covers almost all engineering fields, including Electronics, Computer science, Mechanical system and design, Energy and communication, Material science, Chemical Engineering, Micro engineering, Psychology, Societal System, and other disciplines. Certainly people have to know every discipline, but need more time to learn through theory and practice. The basic science and technology should utilize these opportunities for the realization of the future intelligent human life.

ABOUT THE SPEAKER:

Toshio Fukuda graduated from Waseda University in 1971 and received the M.S. and Dr. Eng. from the University of Tokyo in 1973 and 1977, respectively. Meanwhile, he studied at the graduate school of Yale University from 1973 to 1975. In 1977, he joined the National Mechanical Engineering Laboratory and became Visiting Research Fellow at the University of Stuttgart from 1979 to 1980. He joined the Science University of Tokyo in 1982, and then joined Nagoya University in 1989.

Currently, he is Professor of Center for Cooperative Research in Advanced Science & Technology, also Department of Micro System Engineering, Department of Mechano-Informatics and Systems, Nagoya University, Japan, mainly engaging in the research fields of intelligent robotic system, cellular robotic system, mechatronics and micro robotics. He is an author of six books, editing five books and has published over 1,000 technical papers in micro system, robotics, mechatronics and automation areas. He was awarded IEEE Fellow, and SICE Fellow (1995), IEEE Eugene Mittlemann Award (1997). He is the Vice President of IEEE IES (1990 ~), IFSA Vice President (1997 ~), IEEE Robotics and Automation Society President (1998 ~ 1999), current Editor-in-Chief, IEEE / ASME Transactions on Mechatronics (2000 ~)

For more information, check out the SRG 2000 Web Site at : <http://guppy.mpe.nus.edu.sg/srg> .