

VOTE FOR TOSHIO FUKUDA, DIVISION X DIRECTOR, 2001-2002

(Voting will be in early September)



Toshio Fukuda
Nagoya University

Toshio Fukuda graduated from Waseda University in 1971. He studied at Yale University from 1973 to 1975. He received his Doctor degree from the University of Tokyo in 1977. During the same year he joined the National Mechanical Engineering Laboratory in Japan. From 1979 to 1981 he was a Visiting Research Fellow at the University of Stuttgart in West Germany. He

worked for the Science University of Tokyo in 1981, and then joined the Nagoya University in 1989.

He is presently Professor of the Center for Cooperative Research in Advanced Science and Technology at Nagoya University. He is mainly engaging in the research field of intelligent robotic systems and 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 serves as Vice President of the International Fuzzy System Association since 1998. He was awarded IEEE Fellow, and SICE Fellow in 1995, both the city of Grenoble Medal and the Banki Donat Medal from the Polytechnic University of Budapest, Hungary in 1997.

IEEE Activities (M'83-SM'93-F'95)

COMMITTEES/BOARDS: RAB/TAB Transnational, 1998; TAB Periodicals, 1998; Meetings & Services, 1999; Nominations & Appointments, 1999; Fellows Committee, 1997-99; Committee on Nano-Technology, Chair, 1999-2000; Proceedings Editorial Board, 2000; Journal of Micro Electro Mechanical Systems, Steering Committee, 1993-2000; Transactions on Fuzzy Systems, Editorial Board, 1996-2000; Transactions on Evolutionary Computing, Editorial Board, 1996-2000; Transactions on Robotics and Automation, Editorial Board, 1989-91; Transactions on Intelligent Transportation Systems, Editorial Board, 1999-2000.

SOCIETIES: Robotics and Automation: 1990-2000; President, 1998-99; AdCom, 1990-95; International Committee, Chair, 1989-95; Meeting Committee, Co-Chair, 1991-95; Committee on Micro/nano Robotics, Chair, 1990-2000. Industrial Electronics: Vice President, 1990-99. Systems, Man and Cybernetics: AdCom, 1994-96. Neural Networks Council: Secretary, 1992-93; AdCom, 1990-91, 1994-96, 1999-2000; Publications, Chair, 1991-92; Meetings Committee, 1997-2000; Committee on Neural Networks, 1994-2000. Intelligent Transportation Systems Council: AdCom, 2000.

CONFERENCES: Intelligent Robots and Systems, General Chair, 1988; Advisory Committee, Chair, 1989-2000; International Joint Conference on Neural Networks, Program Chair, 1991; Steering Committee, Chair, 1993; Workshop on Robot and Human Communication, General Chair, 1994; Conference on Fuzzy Systems, Program Co-Chair, 1995; International Conference on Robotics and Automation, General Chair, 1995; International Conference on Evolutionary Computation, General Chair; 1996; Intelligent Transportation Systems Conference, General Chair, 2000; Industrial Electronics Conference, General Chair, 2000.

REPRESENTATIVE: Society of Instrument and Control Engineers, 1990-2000.

AWARDS: Third Millennium Medal, 2000; Best Video Proceedings Award, 1994; Best Paper Award of ICEC '96, 1996; Best Paper Award of IECON '96, 1996; Eugene Mittelmann Achievement Award, 1997.

Statement

The fields represented by the societies and councils in Division X are rapidly growing in worldwide manner with revolutionary leading-edge technologies. My research covers the fields of interest of most of Division X's societies and councils and I frequently travel to the US and Europe so that I can understand the current situations and challenges in our technical communities.

The IEEE is a transnational organization. I would like to see it become more global and responsive to the needs of members and to the development of its membership throughout the world. As Division X Director, I would like to establish more communication between the Board of Directors and the Society/Council, and work with them more closely for enhancement of publications, conferences, and other technical activities in a global manner.

Based on my experiences with IEEE technical activities, I believe that I qualify for, and I can devote myself to, serving as, the Division X director with enthusiasm. I ask you to allow me to make a difference as Director of Division X.

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