

Toshio Fukuda

Who am I?

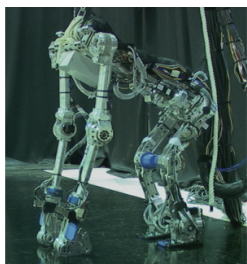
Background

- Born/ raised in Toyama, Japan
- ME@ Waseda, Tokyo, MS@Yale, New Haven, D.Sc.@University of Tokyo, JAPAN
- Post Doc@Univ. Stuttgart, Germany
- Research Scientist@National Mechanical Engineering Laboratory, Tsukuba, Japan
- Professor @Science University of Tokyo, Nagoya University, Meijo University, Japan,
- Beijing Institute of Technology, China



Interests

- Intelligent Robotics, Micro and Nano Robotics



Academics+ind. broad exposure

- Toyota, Honda, Canon, Mitsubishi, Yanmar



Career Recognitions

- IEEE LF, Japan Council of Science, Academy of Engineering
- Foreign Member of Chinese Academy of Science (外籍院士)



Committees / Boards

- IEEE Board of Directors, Division X, 2001-02, 2017-18 and Region 10, 2013-14
- President RAS, 1998-99
- Founding President NTC, 2002-03, 2005
- EiC Trans. Mechatronics, 2000-02
- Founding Chair IROS, Nanotechnology, ARSO, SII
- TAB/PSPB Products and Services Committee, 2017
- SA Standards Board, 2002-03
- Fellows Committee, 1997-99
- MGA SDEA Committee Chair, 2015
- Admission and Advancement Committee, 2006-07



Awards

- ICRA Best Service Robot Manipulation Paper Award, 2017
- Medal of Honor with Purple Ribbon, Government of Japan, 2015
- Friendship Award of State Administration of Foreign Experts affairs of the P.R.C., 2014
- IROS Harashima Award for Innovative Technologies, 2011
- ICRA Best Manipulation Paper Award, 2011
- IEEE Technical Field Award on Robotics and Automation, 2010
- IEEE RAS George Saridis Leadership Award in Robotics and Automation, 2009
- IEEE Transactions on Automation Science and Engineering Googol Best Paper Award, 2007
- Robotics & Automation Society Pioneer Award, 2004
- IEEE Third Millennium Medal, 2000
- Dr.-Ing. Eugene Mittelmann Achievement Award, 1997



Toshio Fukuda

IEEE Life Fellow

Candidate for 2019 IEEE President-Elect



ToshioFukuda.org

IEEE Elections Info.

Web: <https://www.ieee.org/about/corporate/election/index.html>
Voting date: From Aug 15 to Oct 1 13:00 EDT USA /17:00 UTC

"I would like to make efforts to increase IEEE membership in the world and make the IEEE more comfortable 'Home' for everybody to stay in IEEE."

Toshio Fukuda

Professor, Beijing Institute of Technology
Professor Emeritus, Nagoya University
Professor, Meijo University

 About me: <http://ToshioFukuda.org>

 www.facebook.com/Toshio.Fukuda.IEEE



What I Want to Do in IEEE

1. Improve Financial Transparency
2. Revise Membership Fee
3. Encourage to Join at least one Technical Society
4. Introduce Corporate Membership for Industry
5. Create IEEE-University making use of the MOOC

I Will

- ▶ Promote both TAB and MGA oversighting activities:
 - Joint MGA-TAB on membership looking at value proposition and types of membership to expand, retain, attract new members, Industry Promotion
 - TAB-PSPB: Find new fields and leverage technology for publication and R&D
 - Joint TAB-Standards: IEEE Leadership in social implications of technology
 - Revenue/financial structure updates and changes
- ▶ Make best practice from staff to members, and vice versa
- ▶ Listen, identify problems and focus organization in solution
- ▶ Empower good role models for Globalization

I am a Team Player and Doer.

