



Prof. Kazuya Yoshida

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Professor Kazuya Yoshida received B. E., M. S. and Dr. Eng, degrees in Mechanical Engineering Science from Tokyo Institute of Technology, Japan. He served as Research Associate of Tokyo Institute of Technology from 1986 to 1994, and Visiting Scientist of Massachusetts Institute of Technology, U.S.A. in 1994. From 1995 to 2003, he was appointed as Associate Professor and since 2003 he is Full Professor in Department of Aerospace Engineering, Tohoku University, Japan. He also serves as Director of Center of Robotics for Extreme and Uncertain Environments in Tohoku University since 2011.

His research activities cover dynamics and control of space robotic systems ranging from orbital free-flying robots to planetary exploration rovers. His activities are extended to the development of university-based micro satellites and also the terrestrial applications of space technology, such as robotic remote exploration for search and rescue missions.

His technical contribution is found in ETS-VII (orbital experiments of a free-flying space robot), HAYABUSA (an asteroid sample return probe), RISING/RISING-2 (50 kg microsattellites for science mission) and QUINCE (a mobile robot to cope with the Fukushima power plant incident).