



Hajime Asama received his B. S., M. S., and Dr. Eng in Engineering from the University of Tokyo, in 1982, 1984 and 1989, respectively. He worked at RIKEN (Institute of Physical and Chemical Research) in Japan from 1986 to 2002 as a research scientist, etc. He became a professor of RACE (Research into Artifacts, Center for Engineering) of the University of Tokyo in 2002, and a professor of School of Engineering of the University of Tokyo since 2009.

He received JSME (The Japan Society of Mechanical Engineers) Robotics and Mechatronics Academic Achievement Award in 2001, JSME Funai Award in 2009, JSME Robotics and Mechatronics Award in 2009, SICE (The Society of Instrument and Control Engineers) System Integration Division System Integration Award for Academic Achievement in 2010, RSJ (Robotics Society of Japan) Distinguished Service Award in 2013, JSME Award (Technical Achievement) in 2018, etc.

He was the vice-president of RSJ in 2011-2012, an AdCom (Administrative Committee) member of IEEE (The Institute of Electrical and Electronics Engineers) Robotics and Automation Society in 2007-2009. Currently, he is the president-elect of IFAC since 2017, the president of International Society for Intelligent Autonomous Systems since 2014, and an associate editor of Control Engineering Practice, Journal of Robotics and Autonomous Systems, and Journal of Field Robotics, etc. He played the director of the Mobiligence (Emergence of adaptive motor function through the body, brain and environment) program in the MEXT (Ministry of Education, Culture, Sports, Science and Technology) Grant-in-Aid for Scientific Research on Priority Areas from 2005 to 2009. He is a member of Science Council of Japan from 2014 to 2017, and a council member since 2017. He is a Fellow of IEEE, JSME and RSJ.

He was a member of Decommissioning Strategy Committee of NDF (Nuclear Damage Compensation and Decommissioning Facilitation Corporation) from 2014 to 2016, and is a member of Fuel Debris Retrieval Expert Committee and a member of Decommissioning R&D Partnership Council of NDF since 2014 and 2015 respectively. He is also a member of technical committee of IRID (International Research Institute for Nuclear Decommissioning), a member of technical committee on mockup testing facility of JAEA (Japan Atomic Energy Agency), the project leader on Disaster Response Robots of COCN (The Council on Competitiveness-Japan), etc.

His research interests are service robotics, distributed autonomous robotic systems, ambient intelligence, rescue robotics, Mobiligence, embodied-brain systems, service engineering, human interface, etc. He has been involved in activities to utilize and disseminate robot technology in decommissioning of Fukushima Daiichi Nuclear Power Station, disaster response, inspection of social infrastructures, and for Fukushima Innovation Coast Framework.