

Dr. Hiroki Akagi CV



Dr. Hiroki Akagi graduated from the Tokyo Institute of Technology (Tokyo Tech) in 2009 and has worked in the Japan Aerospace Exploration Agency (JAXA) for 16 years, including his contributions to structural design and verification for spacecraft, mission integration and operations for the International Space Station (ISS) Program, technical coordination for international cooperation and creation of business opportunities involving its space-related activities with private sector. In addition to JAXA role, Dr. Akagi has joined the faculty in the Laboratory of Lean Satellite Enterprises and In-Orbit Experiments (LaSEINE), Kyushu Institute of Technology (Kyutech) as a Specially Appointed Associate Professor in 2025 and would contribute more to many international programs, projects, and capacity building opportunities based on his experience and knowledge.

Dr. Akagi is an Associate Senior Administrator at JAXA, specializing in the Human Spaceflight Program, including the ISS, Gateway, and lunar surface activities. From 2019 to 2022, Dr. Akagi was a Deputy Director of Houston Office in United States and worked for human spaceflight program with international partners from United States, Russian, Europe and Canada.

Dr. Akagi has promoted the ISS and small satellite utilization to the world, in particular through the KiboCUBE program. KiboCUBE is a collaboration between the United Nations Office for Outer Space Affairs (UNOOSA) and JAXA to deploy small satellites from Japanese Experiment Module “Kibo” on the ISS. As one of the founding members of KiboCUBE and JAXA lead engineer, Dr. Akagi played a key role in helping a number of emerging countries start their first satellite projects, deploying satellites of more than 20 countries under international cooperation with the UNOOSA and Japanese Universities, thereby promoting the achievement of the Sustainable Development Goals (SDGs). Dr. Akagi has been actively engaged in the international space community to share his knowledge and experience with emerging countries, discuss future space activities and international collaboration.

Through these achievements, Dr. Akagi has received the Prize for Science and Technology by the Minister of Education, Culture, Sports, Science and Technology (MEXT) in 2018 and the International Astronautical Federation (IAF) Young Space Leaders 2020, amongst many other international and national awards.

Dr. Akagi received the Ph.D degree from the Graduate School of Systems Design of Tokyo Metropolitan University in 2024 and was certified as Project Management Professional (PMP) from Project Management Institute in 2023.