

Prof Mengu Cho CV



Prof. Mengu Cho received the B.E. and M.E. degrees from the Department of Aeronautics, University of Tokyo, Tokyo, Japan, in 1985 and 1987, respectively, and the Ph.D. degree from the Department of Aeronautics and Astronautics, Massachusetts Institute of Technology, Cambridge, MA, USA, in 1992.

After working at Kobe University, Kobe, Japan and International Space University, France, since 1996, he has been at Kyushu Institute of Technology (Kyutech), Japan. Since 2004, he has been a professor and also served as the director of the Laboratory of Spacecraft Environment Interaction Engineering (LaSEINE) of Kyutech until 2022. LaSEINE is a research group made of more than 10 academic staff and 30 graduate students. He has been with the Department of Space Systems Engineering since 2018. Since 2024, he is under cross-appointment between Kyutech and Chiba Institute of Technology (CIT).

His research interest includes lean satellites (as known as small/micro/nano/pico satellites). He has authored or co-authored more than 210 papers in peer reviewed journals. He served as a project lead of standardization projects for ISO-19683, “Space systems — Design qualification and acceptance tests of small spacecraft and units” and ISO-17981 “Space systems – CubeSat Interface”. Since 2012, he has supervised more 10 Kyutech satellite projects, and 5 CIT satellite projects launching 29 satellites into orbit. He organized various international conferences, including International Workshop on Lean Satellite. He has been awarded Space Development and Utilization Award from Japanese government three times since 2013. In 2019, he was awarded Frank J. Malina Astronautics Medal from International Astronautical Federation that is the highest award given to an educator who has demonstrated excellence in taking the fullest advantage of the resources available to them to promote the study of astronautics and related space sciences.