

Dr. Chisachi Kato is a professor of mechanical engineering at the University Tokyo. In 1984, he graduated the Graduate School of Engineering at the University of Tokyo and obtained a master's degree in mechanical engineering. He obtained another master's degree from Stanford University in August 1989. He was conferred his doctoral degree in engineering from the University of Tokyo in 1995. Upon graduating from the mechanical engineering department at the University of Tokyo in 1984, Dr. Kato joined the Mechanical Engineering Research Laboratory of Hitachi, Ltd. and had been working as a research engineer for about 15 years. In January 1999, Dr. Kato moved to the Institute of Industrial Science (IIS), the University of Tokyo and was appointed as a professor in January 2003. Since then, he served as the director of the Center for Research on Innovative Simulation Software (CISS) until March 2023.

Dr. Kato is engaged in research into large-scale numerical simulation of fluid flows as well as aeroacoustics and has led many collaborative research projects with his industrial partners. Dr. Kato has also led a total of seven national projects that were aimed to develop and to diffuse cutting-edge simulation software that is particularly designed for the high-performance computing environment and can be easily utilized in industries. The developed software has been published from the website of the CISS and widely used as freeware in the industries. The downloads of such software count more than 100,000.

Dr. Kato has also served as the vice chair, the chair and the president of a number of domestic and overseas academic societies. Recently, Dr. Kato served as the president of the High Performance Computing Infrastructure Consortium from May 2018 to April 2020, the president of the Turbomachinery Society of Japan from May 2019 to April 2021, the president of the Japan Society of Mechanical Engineers from April 2022 to March 2023, the chair of Asian Fluids Machinery Committee from September 2017 to present,

and the vice chair of the IHAR Hydraulic Machinery and Systems from September 2018 to present.