

Biographical Sketch

SHIGERU OBAYASHI received B.S. and M.S. degrees from University of Tsukuba in 1982 and 1984, respectively. He received Doctor of Engineering from University of Tokyo in 1987. He worked as a visiting scientist at NASA Ames Research Center from 1987, and then joined the faculty of engineering at Tohoku University as an associate professor in 1994.

He is a professor at Institute of Fluid Science, Tohoku University since 2003. He served as a director of Transdisciplinary Fluid Integration Research Center from 2008 to 2013. From April 2013, he serves as a director of newly established Advanced Flow Experimental Research Center.

His research interests include experimental and computational fluid dynamics, multidisciplinary design optimization, evolutionary computation, data mining, data assimilation and their applications.

He has received several awards, for example, 1993 NASA Ames Honor Award, 1998 NASA's Software of the Year Award, 2002 Computational Mechanics Achievements Award from Computational Mechanics Division of the Japan Society of Mechanical Engineers (JSME), 2008 Kawai Medal from Japan Society for Computational Engineering and Science, 2009 JSME Medal for Outstanding Paper and 2012 JSME Computational Mechanics Award.