

**Name**

TeD Iwasaki

Affiliation

University of California, Los Angeles, USA

Title

Biological Control Mechanisms for Oscillation and Locomotion

Biography

Dr. Iwasaki joined the UCLA faculty in the summer of 2009 as Professor of Mechanical and Aerospace Engineering. He received his B.S. and M.S. degrees in Electrical and Electronic Engineering from the Tokyo Institute of Technology (Tokyo Tech) in 1987 and 1990, respectively, and his Ph.D. degree in Aeronautics and Astronautics from Purdue University in 1993. He was a Post-Doctoral Research Associate at Purdue University (1994-1995), Research Associate (1995-1996), Lecturer (1996-1997) and Associate Professor (1997-2000) at Tokyo Tech, and Assistant Professor (2000-2002), Associate Professor (2002-2004), and Professor (2004-2009) at the University of Virginia.

Dr. Iwasaki's current research interests include neuronal control mechanism of animal locomotion, nonlinear oscillators, and robust/optimal control theories. He is a Fellow of IEEE, and has served as associate editor of IEEE Transactions on Automatic Control, Systems and Control Letters, IFAC Automatica, International Journal of Robust and Nonlinear Control, and SIAM Journal on Control and Optimization. He has received CAREER Award from NSF, Pioneer Prize from SICE, George S. Axelby Outstanding Paper Award from IEEE, Rudolf Kalman Best Paper Award from ASME, and Steve Hsia Biomedical Paper Award at WCICA.