



Takashi Matsumura

Professor

Tokyo Denki University (Japan)

Department of Mechanical Engineering

Biographic Summary

A. Education

Tokyo Institute of Technology (Japan) Mechanical Engineering Science Ph. D. 1992

Tokyo Institute of Technology (Japan) Mechanical Engineering Science M.S. 1987

Tokyo Institute of Technology (Japan) Mechanical Engineering Science B.S. 1985

B. Professional Experiences

10/2002 - present Professor, Mechanical Engineering Department, Tokyo Denki University

04/2015-01/2016 Director of the University, Tokyo Denki University

04/2006 - 03/2007 Director of Research Collaboration, Tokyo Denki University

10/1993 - 09/2002 Associate Professor, Mech. Eng. Dept., Tokyo Denki University

10/1992 - 10/1993 Assistant Professor, Mech. Eng. Dept., Tokyo Denki University

04/1987 - 09/1992 Research Associate, Mech. Eng. Science Dept., Tokyo Institute of Technology

10/1997 - 08/2006 Visiting Scholar, Mech. Eng. Dept, Massachusetts Institute of Technology

3/2011-10/2011 Visting Professor, Mech. Eng. Dept., Mondragon University

supported by Ikerbasque Science

C. Expertise (Research Areas)

Machining process modeling, Optimization

Micro/nano machining (cutting, grinding, polishing, water jet, FIB)

Tribology, Surface engineering

Computer-aided Manufacturing

Manufacturing Process/Systems

D. Society

American Society of Mechanical Engineers

Society of Manufacturing Engineers

Japan Society of Mechanical Engineers

Japan Society for Precision Engineering

Japan Society of Automobile Engineers

Japan Society of Material Science

Japan Society for Abrasive Technology
The Japan Society for Die and Mould Technology

E. Major activities

2020-2022 Auditor, Japan Society for Precision Engineering
2020-present Chairman, Manufacturing Engineering division, Japan Society of Automobile Engineers
2018-2020 General Director, Japan Society for Precision Engineering
2016-present Associate Editor, Journal of Micro Nano Manufacturing, ASME
2016 Chairman, Manufacturing and machine tool division, Japan Society of Mechanical Engineers
2016-present Director, The Japan Society for Die and Mould Technology
2010-2013 Director, Japan Society for Precision Engineering
2010-2020 Associate Editor, Precision Engineering
2001-2002, 2006-2008 Secretary, Manufacturing and machine tool division, Japan Society of Mechanical Engineers
2006-present Associate Editor, Journal of Advanced Mechanical Design, System, and Manufacturing, Japan Society of Mechanical Engineers
2006-2008 Secretary, Research Committee "Multi-axis Controlled Machine Tool and Advanced Manufacturing Technology," Japan Society of Mechanical Engineers
2006-2008 General Secretary of Editorial Committee, Japan Society for Precision Engineering
2005-2007 Director, Japan Society for Abrasive Technology
2002-2009 Chairman, Manufacturing division, Japan Society of Automobile Engineers
2002-2003 Chairman of Steering Committee, Japan Society of Automobile Engineers