

Masatoshi Okutomi

Brief Biography and Professional Activities

As of January 12, 2022

Education

M.Eng. from the Department of Control Engineering, Tokyo Institute of Technology, 1983

B.Eng. from the Department of Mathematical Engineering and Information Physics, the University of Tokyo, 1981

Ph.D. by dissertation from Tokyo Institute of Technology in 1993

Professional Experience

Professor, the Department of Systems and Control Engineering, the School of Engineering, Tokyo Institute of Technology, April 2016 – Present

Professor, the Department of Mechanical and Control Engineering, the Graduate School of Science and Engineering, Tokyo Institute of Technology, April 2002 – March 2016

Associate Professor, the Department of Environmental Informatics, the Graduate School of Information Science and Engineering, Tokyo Institute of Technology, April 1994 – March 2002

Senior Researcher, Information Systems Research Center, Canon Inc., January 1992 – March 1994

Visiting Research Scientist, the Department of Computer Science, Carnegie Mellon University, November 1987 – February 1990

Researcher, Canon Research Center, Canon Inc., April 1983 – December 1991

Research Field

Computer Vision, Image Processing, Artificial Intelligence

(home page of my lab.: <http://www.ok.sc.e.titech.ac.jp/index.shtml>)

Publications

Google Scholar <https://scholar.google.com/citations?user=bri3qqcAAAAJ&hl=en>

Citations: 12,552

h-index: 51

Papers (total number: 617)

Journal Papers: 132

International Conference Papers: 195

Domestic Conference Papers: 290

Commentaries: 24

Books: 14

Patents (total number: 219)

Domestic Patents: 116

Overseas Patents: 103

(Tokyo Tech Research Repository: http://t2r2.star.titech.ac.jp/cgi-bin/researcherpublicationlist.cgi?lv=en&q_researcher_content_number=CTT100380620)

Awards

Best Paper Award, Symposium on Sensing via Image Information (1999, 2002, 2005, 2006, 2007, 2009, 2010, 2014, 2015, 2017, 2020, 2021)
Yamashita SIG Research Award, Information Processing Society of Japan (2001)
MIRU Nagao Award, Meeting on Image Recognition and Understanding (2005)
Tejima Invention Award, Tejima Seiichi Commemorative Foundation (2005, 2009)
Best Paper Award, Information Processing Society of Japan (2005, 2015)
Best Paper Award, Meeting on Image Recognition and Understanding (2007)
Best Author, the March issue of ITE Journal, The Institute of Image Information and Television Engineers (2008)
Best Paper Award, The Institute of Image Electronics Engineers of Japan (2010)
Demonstration Award, Symposium on Sensing via Image Information (2012, 2014)
Takagi Award, Society of Academic Study on Sensing via Image Information (2014)
IEEE Signal Processing Society Japan Best Paper Award (2016, 2017)
JSME Medal for Outstanding Paper, The Japan Society of Mechanical Engineers (2018)
Telecom System Award, The Telecommunications Advancement Foundation (2020)
Tokyo Metropolitan Merit Award (Technology Promotion), Tokyo Metropolitan Government (2021)
44 awards in total
(award list of my lab.: <http://www.ok.sc.e.titech.ac.jp/awards.html>)

External Research Funding (Principal Investigator)

Collaborative Research Funds : 20, Total Amount 199,533,804 yen
Donations for Education and Research : 42, Total Amount 71,468,844 yen
Grants-in-Aid for Scientific Research : 4, Total Amount 139,090,000 yen
Grant for Practical Application of University R&D Results under the Matching Fund Method (R&D), Ministry of Economy, Trade and Industry : 2, Total Amount 158,820,230 yen
Strategic Information and Communications R&D Promotion Programme (SCOPE), Ministry of Internal Affairs and Communications : 63,128,000 yen

Activities in Other Organizations and Societies

under construction