

Takuya Sakamoto

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Department of Electronics and Computer Science
Graduate School of Engineering
University of Hyogo
2167 Shosha, Himeji
671-2280 Japan

Research Area

Noncontact sensing of human bodies, radar imaging and signal processing, wireless sensing of vital signs, electromagnetic and biomedical engineering

Ph.D. Dissertation

Nonparametric Imaging Algorithms for UWB Pulse Radars (Kyoto University, Japan, 2005)

Educational Background

2005	PhD, Communications and Computer Engineering, Grad. School of Informatics, Kyoto University Thesis Advisor: Prof. Toru Sato
2002	M.I., Communications and Computer Engineering, Grad. School of Informatics, Kyoto University
2000	B.E., Electrical and Electronic Engineering, Kyoto University

Professional Employment

Associate Professor, Univ. of Hyogo, Grad. School of Engineering, Himeji, Japan	Apr. 2015 - present
Visiting Scholar, Univ. of Hawaii at Manoa, Dept. Electrical Eng., Honolulu, USA	Apr. 2017 - Sep. 2017
Part-time Researcher, Kyoto University, Grad. School of Informatics, Kyoto, Japan	Apr. 2015 - present
Visiting Researcher, Delft University of Technology, Delft, The Netherlands	Aug. 2016 - Sep. 2016
Visiting Researcher, Delft University of Technology, Delft, The Netherlands	Mar. 2016
Visiting Researcher, Delft University of Technology, Delft, The Netherlands	Sep. 2015
Visiting Researcher, Delft University of Technology, Delft, The Netherlands	Sep. 2011 - Nov. 2013
Assistant Professor, Kyoto University, Grad. School of Informatics, Kyoto, Japan	Apr. 2007 - Mar. 2015
Visiting Researcher, University of Nice Sophia-Antipolis, Antibes, France	Sep. 2009
Research Associate, Kyoto University, Grad. School of Informatics, Kyoto, Japan	Apr. 2006 - Mar. 2007
Postdoc Researcher, Kyoto University, Grad. School of Informatics, Kyoto, Japan	Apr. 2005 - Mar. 2006
Lecturer (Researcher), Kyoto Univ., Grad. School of Engineering, Kyoto, Japan	Feb. 2005 - Mar. 2005

Awards

2016	Masao Horiba Award
2015	Achievement Award, Institute of Electronics, Information and Communication Engineers
2012	Best Paper Award, International Symposium on Antennas and Propagation
2007	Young Researchers Award, Institute of Electronics, Information and Communication Engineers
2007	Best Presentation Award, Institute of Electrical Engineers of Japan
2007	Best Paper Award, IEICE Communications Society
2007	Best Student Paper Award, International Conference on Ultra-Wideband
2004	Best Paper Award, International Symposium on Antennas and Propagation

Professional Service

Publication Chair	IEEE International Geoscience and Remote Sensing Symposium 2019 Organizing Committee	2018-present
Associate Editor	IEICE Transactions on Communications	2018-present

Editorial Secretary	IEICE Editorial Committee of the Special Section on Recent Progress in Electromagnetic Theory and Its Applications (Jan. 2019 Issue)	2017-present
Secretary	IEEJ Technical Committee on Electromagnetic Theory	2018-present
Committee Member	IEICE Technical Committee on Electromagnetic Theory	2018-present
Best Paper Award Committee Member	IEICE Electronics Express	2018
Secretary	IEEE Antennas and Propagation Society Kansai Joint Chapter	2017-present
Secretary	IEICE Technical Committee on Electromagnetic Theory	2016-2018
Associate Editor	IEICE Electronics Express	2016-present
Steering Committee Member	IEICE Kansai Section	2016-2018
Editorial Secretary	IEICE Editorial Committee of the Special Section on Recent Progress in Electromagnetic Theory and Its Applications (Jan. 2018 Issue)	2016-2017
Session Convener	European Conference on Antennas and Propagation	2016
Guest Associate Editor	IEICE Trans. Electronics Special Section on Recent Advances in Simulation Techniques and Their Applications for Electronics	2015-2016
Treasurer	IEEE Antennas and Propagation Society Kansai Chapter	2015-2016
Session Chair	European Conference on Antennas & Propagation	2013
Session Chair	International Symposium on Antennas and Propagation	2010
Session Chair	Asia Pacific Microwave Conference	2010
Session Chair	European Conference on Antennas & Propagation	2010
Review Committee	Asia Pacific Microwave Conference	2010
Session Chair	Progress in Electromagnetics Research Symposium	2009
Session Chair	IEEE International Symposium on Antennas and Propagation	2008
Review Committee	IEICE Transactions on Communications	2006-Present
Assistant secretary	IEEJ Technical committee on electromagnetic theory	2006-2008

Invited Talks

The 40th Progress In Electromagnetics Research Symposium (Toyama, Japan)	Aug. 2018
XXXIInd International Union of Radio Science (URSI) General Assembly & Scientific Symposium (Montreal, Canada)	Aug. 2017
Semi-Plenary Talk at European Conference on Antennas and Propagation (Paris, France)	March 2017
XXXIth International Union of Radio Science (URSI) General Assembly & Scientific Symposium (Beijing, China)	Aug. 2014

Academic Societies

Institute of Electrical and Electronics Engineers (IEEE)	Senior Member
The Institute of Electronics, Information and Communication Engineers (IEICE)	Member
The Institute of Electrical Engineers of Japan (IEEJ)	Member
The Japan Society of Ultrasonics in Medicine	Member

Citation Index

Google Scholar (as of July 17, 2018)	Citations	h-index	i10-index
	1527	19	41