

Editorial Committee of IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences

Editor-in-Chief

Hiroshi Shirai Chuo University

Editor

Yasuhiro Takahashi The University of Kitakyushu

Area Editors

Goidhiro Hanaoka National Institute of Advanced Industrial Science and Technology

Akira Hirabayashi Ritsumeikan University

Toshiyuki Miyamoto Osaka University

Shogo Muramatsu Niigata University

Minoru Okada Nara Institute of Science and Technology (NAIST)

Associate Editors

Narishige Abe Fujitsu Laboratories Ltd.

Shintaro Arai Okayama University of Science

Shunsuke Araki Kyushu Institute of Technology

Densil Cabrela University of Sydney

Chen-Mou Cheng National Taiwan University

Emad Hegazi Ain Shams University

Hiroomi Hikawa Kansai University

Masanori Hiroto Saga University

Koichi Ichige Yokohama National University

Shoko Imaizumi Chiba University

Daisuke Ito The University of Shiga Prefecture

Mitsugu Iwamoto The University of Electro-Communications

Ken-ichi Iwata University of Fukui

Yutaka Kamamoto NTT

Haibin Kan	Fudan University
Toshiki Kanamoto	Hirosaki University
Kenta Kasai	Tokyo Institute of Technology
Arata Kawamura	Osaka University
Kei Kimura	Toyohashi University of Technology
Shinsaku Kiyomoto	KDDI R&D Laboratories, Inc
Koichi Kobayashi	Hokkaido University
Yukihide Kohira	The University of Aizu
Satoshi Komatsu	Tokyo Denki University
Hiroaki Kudo	Nagoya University
Jin-Shyan Lee	National Taipei University of Technology
Junfeng Li	Institute of Acoustics, Chinese Academy of Sciences
Ziji Ma	Hunan University
Yoshifumi Manabe	Kogakuin University
Takahiro Matsuda	National Institute of Advanced Industrial Science and Technology (AIST)
Ryutaroh Matsumoto	Nagoya University
Takahiro Matsumoto	Yamaguchi University
Junya Matsuno	Toshiba Memory Corporation
Kazu Midhiba	Tottori University
Yoshihiko Mochizuki	Waseda University
Sen Moriya	Kinki University
Hiroaki Mukaidani	Hiroshima University
Shusuke Narieda	National Institute of Technology, Akashi College
Toshihisa Nabetani	Toshiba Corporation
Takeshi Nishida	Kyushu Institute of Technology
Takanobu Nishiura	Ritsumeikan University
Toshihiro Ohigashi	Tokai University
Kohei Ohno	Meiji University

Go Ohtake	NHK
Hiroataka Ono	Kyushu University
Min-Chul Park	Korea Institute of Science and Technology & University of Science and Technology
Toshiki Saitoh	Kyushu Institute of Technology
Shimpei Sato	Tokyo Institute of Technology
Chuang Shi	University of Electronic Science and Technology of China
Won-Yong Shin	Dankook University
Masaaki Shirase	Future University Hakodate
Takehiro Sugimoto	NHK
Himal Suraweera	University of Peradeniya
Taizo Suzuki	University of Tsukuba
Takuji Tachibana	University of Fukui
Yasuhiro Takahashi	Gifu University
Nobuyuki Tamura	Hosei University
Yuuki Tanaka	Gunma University
Xiaohu Tang	Southwest Jiaotong University
Tadashi Tsubone	Nagaoka University of Technology
Yoshikazu Washizawa	The University of Electro-Communications
Kanji Watanabe	Akita Prefectural University
Shunsuke Yamaki	Tohoku University
Dai Yamamoto	Fujitsu Laboratories Ltd.
Yoshimitsu Yanagawa	Hitachi Ltd.
Kan Yasuda	NTT
Kenji Yasunaga	Kanazawa University
Masayuki Yoshino	Hitachi Ltd.

Advisory Members

Jaakko Astola	Tampere University of Technology, Finland
Sergio Benedetto	Politecnico di Torino, Italy

Tamal Bose	Utah State University, USA
Wai-Kai Chen	University of Illinois at Chicago, USA
Jason Cong	University of California at Los Angeles, USA
Mohammed Ismail	The Ohio State University, USA
Sung-Mo (Steve) Kang	University of California at Santa Cruz, USA
Miroslav D. Lutovac	Telecommunications & Electronics Institute IRITEL, Yugoslavia
Brian Marcus	IBM Almaden Research Center, USA
Panos Papamichalis	Southern Methodist University, USA
Ioannis Pitas	Aristotle University of Thessaloniki, Greece
Manuel Silva	Universidad de Zaragoza, Spain
Georgi Stoyanov	Technical University of Sofia, Bulgaria
A. J. Han Vinck	Universitaet GHS Essen, Germany

Advisory Members (in Japan)

Shun-ichi Amari	RIKEN Brain Science Institute
Nobuo Fujii	Tokyo Insititute of Technology
Te Sun Han	Waseda University
Ken' iti Kido	
Sadatoshi Kumagai	International Lifelong Learning Research Foundation
Shojiro Sakata	The University of Electro-Communications
Masakazu Sengoku	Niigata University
Hiroto Yasuura	Kyushu University