

IEEE Sensors Journal - Special Issues published and in preparation

Updated on 14 December 2016

SPECIAL ISSUE ON	PUBLICATION DATE	Guest Editors
Smart Sensors for Smart Grids and Smart Cities	Submit by Mar 31, 2017	Rosario Morello, Elena Gaura, Zheng Li, Daniel Slomovitz, Subhransu Ranjan Samantaray, Urenna Onyewuchi, Subhas Mukhopadhyay
Power-efficient sensors for long-term applications	Submit by Mar 3, 2017	Michele Magno, Vedran Bilas, Dario Pompili, Gourab Sen Gupta
Sensors for Process Imaging	Submit by Feb 27, 2017	Chao Tan, Manuchehr Soleimani, Marco Jose da Silva, André Bieberle
Selected Papers From the IEEE SENSORS 2015 Conference	15 Dec, 2016	Gijs Krijnen, Hongrui Jiang, Michiel Vellekoop, Ryutaro Maeda
Sensors and Interfaces for Mobile Healthcare	Closed	Daniela De Venuto, Sandro Carrara, Jan Rabaey, Jun Ohta
Software-Defined Wireless Sensor Networks	15 October 2016	Chi Harold Liu, Victor Leung, Yin Zhang, Kin Leung
Advances in Underwater Acoustic Sensor Networks	1 June 2016	Guangjie Han, Lei Shu, Joel Rodrigues, Kiseon Kim, Jaime Lloret, Hongyi Wu
Selected Papers From the IEEE SENSORS 2014 Conf	15 May 2016	Francisco J. Arregui , Andrea Cusano, Bernhard Jakoby, Kourosh Kalantar-Zadeh, Mike McShane
Printable Sensors and Systems	June 2015	Ravinder S. Dahiya, Manos M. Tentezeris, Zheng Cui, Madhusudan Singh
Advancing Standards for Smart Transducer Interfaces	May 2015	Rosario Morello, Claudio De Capua, Aimé Lay-Ekuakille, Kang Lee, William J. Miller, Octavian Postolache, Shabana Urooj, Jun Wu
Distributed Smart Sensing for Mobile Vision	May 2015	Bir Bhanu, Andrea Prati, Faisal Qureshi, and Brian Lovell
Sensing Technologies for Intelligent Urban Infrastructures	December 2014	Ashish Pandharipande, Francesco Calabrese, Hock Beng Lim, Ram Rajagopal
Wireless Sensor Systems for Space and Extreme Environments	November 2014	Habib Rashvand, Paul Mitchell, Jose Alcaraz Calero, Ali Abedi, Subhas Mukhopadhyay, Huansheng Ning
Selected Papers From the IEEE SENSORS 2013 Conf	October 2014	David Horsley, Srinivas Tadigadapa
Antennas for Smart Sensors	August 2014	Jennifer T. Bernhard, Trevor Bird, Amir I. Zaghloul
Material-Integrated Sensing	July 2014	Walter Lang, Fu-Kuo Chang, Chao, Stefan Bosse, Dirk Lehmkus
Internet of Things	October 2013	Chonggang Wang, Mahmoud Daneshmand, Mischa Dohler, Rahim Tafazolli, Xufei Mao, Subhas Mukhopadhyay
Flexible Sensors and Sensing Systems	October 2013	Zeynep Celik-Butler, Sigurd Wagner, Yong Xu, Ravinder S. Dahiya
Sensors and Sensing Systems for Neurophysiology	September 2013	Aimé Lay-Ekuakille, Francesco Carlo Morabito, Harold H. Szu, Soo-Young Lee
Selected Papers From the IEEE SENSORS 2012 Conf	August 2013	Weileun Fang, Masayoshi Esashi, Reza Ghodssi, Juergen Brugger
Selected Papers From the IEEE SENSORS 2011 Conf	March 2013	A.G. Mignani, G. Cauwenberghs, E. Lewis, P.P. Shum
THz Sensing: Materials, Devices and Systems	January 2013	Michael Shur, Derek Abbott, Krikor B. Ozanyan, Francis Hindle
Advances in Sensors and Interfaces	December 2012	Daniela de Venuto, Weileun Fang, Jacob Abraham
Machine Olfaction	November 2012	Julian W. Gardner, Krishna Persaud, Perena Gouma, Ricardo Gutierrez-Osuna
Low Power Arrays	April 2012	Orly Yadid-Pecht, Kaushik Roy, Alexander Fish
Sensors for Non-Invasive Physiological Monitoring	March 2012	Aimé Lay-Ekuakille, Christina Davis, Antonio Trabacca, Olfa Kanoun, Zhihong Li

Biomimetic Sensors	February 2012	Raúl J. Martín-Palma, Akhilesh Lakhtakia
Optical Fiber Sensors	January 2012	Brian Culshaw, José M. López-Higuera, Ignacio R. Matias, William N. Macpherson, José Luís Santos
Special Tenth Anniversary Issue	December 2011	Krikor B. Ozanyan, Evgeny Katz, H. Troy Nagle, Vladimir Lumelsky
Selected Papers From The IEEE SENSORS 2010 Conference	November 2011	Thomas Kenny, Reza Ghodssi, Perry Ping Shum, Anna Mignani
Cognitive Sensor Networks	March 2011	S.C. Mukhopadhyay, Henry Leung, Pramod K. Varshnet, Robert Schober
Photonic Crystal-Based Sensors	July 2010	C.M.B. Cordeiro, M.V. Andrés, M.C. J Large, I R. Matias
Enhancement Algorithms, Methodologies and Technology For Spectral Sensing	March 2010	Dwight Woolard, Neelam Gupta ,Jean-Marc Theriault, Majeed Hayat, Yan Qiu Li, Robert Trew, Makoto Sawamura, Russell Philbrick, Smadar Egert, James Jensen
The Future Of Sensors and Instrumentation For Human Breath Analysis	January 2010	Christina Davis, Boris Mizaikoff, Matthias Frank, Harald Oser
Sensors Systems For Structural Health Monitoring	November 2009	Subhas Mukhopadhyay, Nobert Meyendorf, Geoff Chase ,Greg Selby, George List
Optical Fiber Sensors	July 2008	B. Culshaw, J. M. Lopez Higuera, A. Cusano, Ignacio Matias
Nanosensors For Defense And Security	June 2008	Robert Trew, Michael Stroschio, Paolo Lugli, Masakazu Aono, Dwight Woolard, James Jensen, Dennis Polla, Usha Varshney
Microfluidic Analysis Systems	May 2008	Richard B. Fair, Mark A. Shannon, Ooi Kiang Tan, Oliver Geschke, Chong H. Ahn, Okyay Kaynak, Michael J. Vellekoop
In Vivo Sensors For Medicine	January 2008	Robert Black, Mark Humayun, William Reichert, Anthony P F Turner
Intelligent Sensors	May 2007	Subhas Mukhopadhyay, Sen Gupta, Serge Demidenko
Sensors For The Prevention Of Terrorist Acts	August 2005	John Vig, Erik Heijne, William Hunt, Richard Lareau, Arthur Sedlacek, Timothy Swager, Elias Towe, Lodewijk van den Berg
Industrial Process Tomography	April 2005	Krikor Ozanyan, Tom Dyakowski, David Isaacson
Microsensors and Microactuators: Technology and Applications	August 2004	Andrei Shkel, Chang Liu, William Tang
The First IEEE Conference on Sensors	December 2003	Pasqualina Sarro, Andrei Shkel
Biosensors	June 2003	Gerard Coté, Michael Pishko
Optical Fiber Sensors	February 2003	Anna Grazia Mignani, Ignacio Matías, Richard Claus
Integrated Multisensor Systems and Signal Processing	December 2002	Gert Cauwenberghs, Ralph Etienne-Cummings, Robert Newcomb, Mona Zaghoul
Artificial Olfaction	June 2002	Troy Nagle, Julian Gardner, Krishna Persaud
Inaugural Issue (Mostly review papers)	June 2001	Vladimir J. Lumelsky, John R. Vig