

## IEEE Sensors Journal - Special Issues published and in preparation

Updated on 28 March 2017

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

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