

PROCEEDINGS OF SPIE

***Micro- and Nanotechnology
Sensors, Systems, and Applications VI***

**Thomas George
M. Saif Islam
Achyut K. Dutta**
Editors

**5–9 May 2014
Baltimore, Maryland, United States**

Sponsored and Published by
SPIE

Volume 9083

Proceedings of SPIE 0277-786X, V. 9083

SPIE is an international society advancing an interdisciplinary approach to the science and application of light.

Micro- and Nanotechnology Sensors, Systems, and Applications VI, edited by Thomas George,
M. Saif Islam, Achyut K. Dutta, Proc. of SPIE Vol. 9083, 908301 · © 2014 SPIE
CCC code: 0277-786X/14/\$18 · doi: 10.1117/12.2072119

Proc. of SPIE Vol. 9083 908301-1

The papers included in this volume were part of the technical conference cited on the cover and title page. Papers were selected and subject to review by the editors and conference program committee. Some conference presentations may not be available for publication. The papers published in these proceedings reflect the work and thoughts of the authors and are published herein as submitted. The publisher is not responsible for the validity of the information or for any outcomes resulting from reliance thereon.

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Author(s), "Title of Paper," in *Micro- and Nanotechnology Sensors, Systems, and Applications VI*, edited by Thomas George, M. Saif Islam, Achyut K. Dutta, Proceedings of SPIE Vol. 9083 (SPIE, Bellingham, WA, 2014) Article CID Number.

ISSN: 0277-786X

ISBN: 9781628410204

Published by

SPIE

P.O. Box 10, Bellingham, Washington 98227-0010 USA

Telephone +1 360 676 3290 (Pacific Time) · Fax +1 360 647 1445

SPIE.org

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Session Chairs

- 1 Two-dimensional Nano-layered Systems: Graphene and Beyond
Thomas George, Zyomed Corporation (United States)
- 2 Emerging Electronic Devices/Systems Based on Adaptive and Metamaterials I
Andre U. Sokolnikov, Visual Solutions and Applications (United States)
- 3 Emerging Electronic Devices/Systems Based on Adaptive and Metamaterials II
Andre U. Sokolnikov, Visual Solutions and Applications (United States)
- 4 Graphene and 2D Electronics
Kyung-Ah Son, HRL Laboratories, LLC (United States)
- 5 1D Nanoelectronics: Nanowire and Nanotube Architecture Transistors
Muhammad M. Hussain, King Abdullah University of Science and Technology (Saudi Arabia)
- 6 MicroNano Technologies for Adaptive Optics and Beam Control
Christopher C. Wilcox, U.S. Naval Research Laboratory (United States)
Matthew E. Jungwirth, Honeywell Defense and Space Electronic Systems (United States)
- 7 MicroNano Sensor Systems for Power and Chemical Production Applications
Susan M. Maley, U.S. Department of Energy (United States)
Bilge Saruhan-Brings, Deutsches Zentrum für Luft- und Raumfahrt e.V. (Germany)
- 8 Advanced Micro/Nanotechnologies for Solar Energy Generation: Joint session with Conferences 9083 and 9115
Sivalingam Sivananthan, University of Illinois at Chicago (United States)
- 9 Mesodynamic Architectures
Ryan P. Lu, Federal Laboratory Consortium for Technology Transfer (United States)
- 10 3D Printing: An Emerging Technology for Micro/Nano Device Fabrication
Michael C. McAlpine, Princeton University (United States)
- 11 Flexible Electronics: Multifaceted Evolutions and Applications
Muhammad M. Hussain, King Abdullah University of Science and Technology (Saudi Arabia)

- 12 Micro Autonomous Systems Technology (MAST): Performance Bounds and Trade Space Studies: Joint Session with Conferences 9083/9084/9096
Christopher M. Kroninger, U.S. Army Research Laboratory (United States)
William D. Nothwang, U.S. Army Research Laboratory (United States)
- 13 Micro Autonomous Systems Technology (MAST): Power Solutions: Joint Session with Conferences 9083/9084/9096
William D. Nothwang, U.S. Army Research Laboratory (United States)
Christopher M. Kroninger, U.S. Army Research Laboratory (United States)
- 14 Self-assembled, Block-copolymer, Nano-structures for Energy and Sensor Applications
Parvaneh Mokarian-Tabari, University College Cork (Ireland)
Michael A. Morris, University College Cork (Ireland)
- 15 Innovations in Multimodal Molecular Probes: Joint Session with Conferences 9083 and 9107
Antonio Sastre, National Institutes of Health (United States)
Richard Conroy, National Institutes of Health (United States)
- 16 High-accuracy Space-based Radiometry
Stergios J. Papadakis, Johns Hopkins University Applied Physics Laboratory (United States)
- 17 Nanotechnology for Millimeter-Wave Sensing I: Joint Session with Conferences 9083 and 9078
Michael K. Rafailov, University of Alberta (Canada)
- 18 Nanotechnology for Millimeter-Wave Sensing II: Joint Session with Conferences 9083 and 9078
Michael K. Rafailov, University of Alberta (Canada)
- 19 Micro/Nanotechnologies for Lasers and Standoff Detection I: Joint Session with Conferences 9083/9073/9106
Michael K. Rafailov, University of Alberta (Canada)
- 20 Micro/Nanotechnologies for Lasers and Standoff Detection II: Joint Session with Conferences 9083/9073/9106
Michael K. Rafailov, University of Alberta (Canada)