



## **Microsystems and Nanosystems**

Series Editors: R.T. Howe, A.J. Ricco

Building on the foundation of the MEMS Reference Shelf and the Springer series on Microsystems\*\*, the new series Microsystems and Nanosystems comprises an increasingly comprehensive library of research, text, and reference materials in this thriving field. The goal of the Microsystems and Nanosystems series is to provide a framework of basic principles, known methodologies, and new applications, all integrated in a coherent and consistent manner. The growing collection of topics published & planned for the series presently includes: Fundamentals • Process Technology • Materials • Packaging • Reliability • Noise MEMS Devices • MEMS Machines • MEMS Gyroscopes • RF MEMS • Piezoelectric MEMS • Acoustic MEMS • Inertial MEMS • Power MEMS • Photonic MEMS • Magnetic MEMS Lab-on-Chip / BioMEMS • Micro/nano Fluidic Technologies • Bio/chemical Analysis • Point-of-Care Diagnostics • Cell-Based Microsystems • Medical MEMS • Micro & Nano Reactors • Molecular Manipulation Special Topics • Microrobotics • Nanophotonics • Self-Assembled Systems • Silicon Carbide Systems • Integrated Nanostructured Materials Structure • A coordinated series of volumes • Cross-referenced to reduce duplication • Functions as a multi-volume major reference work \*\*To see titles in the MEMS Reference Shelf and the Springer series on Microsystems, please click on the tabs "Microsystems series" and "MEMS Reference Shelf series" on the top right of this page.

### Springer books available as

 Printed book

Available from [springer.com/shop](http://springer.com/shop)

 eBook

Available from your library or

► [springer.com/shop](http://springer.com/shop)

 MyCopy

Printed eBook for just

► € | \$ 24.99

► [springer.com/mycopy](http://springer.com/mycopy)

### Recently published:

H. Bhugra, G. Piazza (Eds.)

**Piezoelectric MEMS Resonators**

D. Zhang, B. Wei (Eds.)

**Advanced Mechatronics and MEMS Devices II**

W. Lee, P. Tseng, D. Di Carlo (Eds.)

**Microtechnology for Cell Manipulation and Sorting**



### Submission information at the [series homepage](http://series.homepage) and [springer.com/authors](http://springer.com/authors)

Order online at [springer.com](http://springer.com) ► or for the Americas call (toll free) 1-800-SPRINGER ► or email us at: [customerservice@springer.com](mailto:customerservice@springer.com). ► For outside the Americas call +49 (0) 6221-345-4301 ► or email us at: [customerservice@springer.com](mailto:customerservice@springer.com).