



*micromachines*



*Special Issue Reprint*

## **Selected Papers from the 8th Symposium on Micro-Nano Science and Technology on Micromachines**

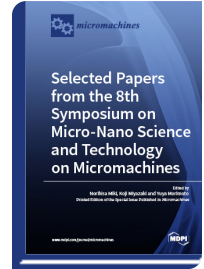
[www.mdpi.com/books/reprint/1217](http://www.mdpi.com/books/reprint/1217)

Edited by

Norihisa Miki

Koji Miyazaki

Yuya Morimoto



ISBN 978-3-03897-728-5 (Softback)

ISBN 978-3-03897-729-2 (PDF)

This Special Issue presents selected papers from the 8th Symposium on Micro–Nano Science and Technology on Micromachines, 31 October–2 November, 2017, in Hiroshima, Japan.

We encouraged contributions of significant and original works in order to deeply understand physical, chemical, and biological phenomena at the micro/nano scale and to develop applied technologies. The conference covered the following main topics:

- 1: Precision machinery lubrication design
- 2: Material dynamics strength
- 3: Hydrodynamics
- 4: Thermal engineering
- 5: Production processing mechanical materials
- 6: Robotics mechatronics
- 7: Medical biotechnology
- 8: Micro/nano system

The papers that attracted the most interest at the conference, or that provided novel contributions, were selected for publication in *Micromachines*. These papers were peer-reviewed for validation of the research results, developments and applications.



Order Your Print Copy

You can order print copies at

[www.mdpi.com/books/reprint/1217](http://www.mdpi.com/books/reprint/1217)

MDPI Books offers quality open access book publishing to promote the exchange of ideas and knowledge in a globalized world. MDPI Books encompasses all the benefits of open access – high availability and visibility, as well as wide and rapid dissemination. With MDPI Books, you can complement the digital version of your work with a high quality printed counterpart.



### **Open Access**

Your scholarly work is accessible worldwide without any restrictions. All authors retain the copyright for their work distributed under the terms of the Creative Commons Attribution License.



### **Author Focus**

Authors and editors profit from MDPI's over two decades of experience in open access publishing, our customized personal support throughout the entire publication process, and competitive processing charges as well as unique contributor discounts on book purchases.



### **High Quality & Rapid Publication**

MDPI ensures a thorough review for all published items and provides a fast publication procedure. State-of-the-art research and time-sensitive topics are released with a minimum amount of delay.



### **High Visibility**

Due to our global network and well-known channel partners, we ensure maximum visibility and broad dissemination. Title information of books is sent to international indexing databases and archives, such as the Directory of Open Access Books (DOAB), and the Verzeichnis Lieferbarer Bücher (VLB).



### **Print on Demand and Multiple Formats**

MDPI Books are available for purchase and to read online at any time. Our print-on-demand service offers a sustainable, cost-effective and fast way to publish MDPI Books printed versions.