



Laser Applications in Micromachining and Surface Functionalization of Materials

Guest Editors:

Dr. Tim Kunze

Fusion Bionic GmbH,
Winterbergstraße 28, 01277
Dresden, Germany

Dr. Sabri Alamri

Fusion Bionic GmbH,
Winterbergstraße 28, 01277
Dresden, Germany

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Message from the Guest Editors

Dear Colleagues,

Laser micromachining and surface functionalization of materials by laser processes have increasingly attracted the attention of scientists and technologists. Various approaches provide remarkable capabilities for processing several classes of materials. Of particular significance is the possibility of using higher laser powers and peculiar beam de-flection systems to speed up laser processes in view of their industrial scalability. This so-called functional laser texturing arose in recent years and represents a very powerful tool for attaining advanced surface properties by creating well-defined surface patterns with micro- and nanometer resolution.

In this Special Issue, modern trends of laser micromachining approaches will be highlighted and discussed. The focus is directed on laser-based surface functionalization for a wide set of applications. This explicitly includes use cases from industrial environments.

It is my pleasure to invite you to submit a manuscript for this Special Issue. Full papers, communications, and reviews are all welcome.

Dr. Tim Kunze
Dr. Sabri Alamri
Guest Editor





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Editor-in-Chief

Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada

2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

Message from the Editor-in-Chief

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Materials Editorial Office
MDPI, St. Alban-Anlage 66
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