





an Open Access Journal by MDPI

## **Research and Application of Laser Machining Technology**

Guest Editors:

#### Dr. Pouya Tavousi

UConn Tech Park, University of Connecticut, Storrs, CT 06269, USA

#### Dr. Sina Shahbazmohamadi

Department of Biomedical Engineering, University of Connecticut, Storrs, CT 06269, USA

Deadline for manuscript submissions:

30 November 2024

### **Message from the Guest Editors**

Dear Colleagues,

Laser machining technology has emerged as a versatile and powerful tool in modern manufacturing, offering unparalleled precision and efficiency. This Special Issue will gather papers on recent advancements in and applications of laser machining, including, but not limited to, laser cutting, welding, drilling, and surface modification. Contributions addressing theoretical developments, experimental studies, and industrial applications are welcome. We will provide a comprehensive overview of the current state and future prospects of laser machining technology, highlighting its impacts on various industries such as aerospace, automotive, and medical devices.

Dr. Pouya Tavousi Dr. Sina Shahbazmohamadi *Guest Editors* 











an Open Access Journal by MDPI

#### **Editor-in-Chief**

# **Prof. Dr. Giulio Nicola Cerullo**Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32, 20133 Milano, Italy

## **Message from the Editor-in-Chief**

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network

#### **Author Benefits**

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), Inspec, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

#### **Contact Us**