## Special Issue

## Research and Application of Laser Machining Technology

## Message from the Guest Editors

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.

## **Guest Editors**

Dr. Pouva 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

closed (20 June 2025)



# Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5 CiteScore 5.5



## mdpi.com/si/206983

Applied Sciences Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41616837734 applsci@mdpi.com

mdpi.com/journal/

applsci





# Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5 CiteScore 5.5



## **About the Journal**

## 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.

## Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo

Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32, 20133 Milano, Italy

## **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), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

