

# Special Issue

## Applied Plasma Technology

### Message from the Guest Editor

We are pleased to invite you to contribute to the Special Issue “Applied Plasma Technology” in *Applied Sciences*. Plasma technology has various applications in modern sciences, including the research fields of energy and environment (water decontamination and others), medicine and biology (wound healing, sterilization, anticancer therapies, biomedical material processing, and others), microelectronics and optoelectronics (fabrication of sensors and electronic devices, plasma display technologies, and others), and surface processing. Apart from those fields, plasma technologies are applied in emerging areas, such as energy generation through controlled fusion and aerospace applications. The Special Issue also accepts fundamental studies and simulations of plasma technologies. These studies include, but are not limited to, plasma–material interactions, modeling and simulation of plasma discharges, and the development of new plasma sources and discharge configurations. We aim to publish contributions related to plasma technology, from fundamental research to innovations ready for commercial applications.

---

### Guest Editor

Dr. Nelly Bonifaci

G2Elab, CNRS, Grenoble INP, Université Grenoble Alpes, 38000 Grenoble, France

---

### 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/223666](https://mdpi.com/si/223666)

*Applied Sciences*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[appls@mdpi.com](mailto:appls@mdpi.com)

[mdpi.com/journal/](https://mdpi.com/journal/)

[appls](https://appls)





# Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



[mdpi.com/journal/  
applsci](https://mdpi.com/journal/applsci)



## 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 )