



## Advances in Fusion Engineering and Design

Guest Editor:

**Dr. Arkady Serikov**

Karlsruhe Institute of Technology  
(KIT)

Deadline for manuscript  
submissions:

**closed (10 August 2023)**

### Message from the Guest Editor

We believe that this century activities in the thermonuclear fusion field are going to reach an unprecedented level of engineering and technological achievements. Scientific fundamental hypotheses and theories now have a chance to be realized not only in computational models but also in real fusion devices and facilities. Advances in design solutions are implemented in the construction of large-size ITER tokamak. This is a very exciting time when fusion dreams come true. Normally, to speed-up the R&D processes we participated in face-to-face fusion conferences. However, now we are limited by online communications, and the need for broader and open communications is evident. In order to present your achievements in computational and experimental fusion science and technology, we at the MDPI Open Access journal "Applied Sciences" decided to organize a Special Issue with the rather broad title "Advances in Fusion Engineering and Design".





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

## Contact Us

---

Applied Sciences Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/applsci](http://mdpi.com/journal/applsci)  
[applsci@mdpi.com](mailto:applsci@mdpi.com)  
[X@Applsci](https://twitter.com/Applsci)