

## Special Issue

# Development and Application of Particle Detectors

### Message from the Guest Editors

Particle detection has experienced increasing application over a wide range of disciplines, including in high-energy physics, astroparticles, space science and astronomy, biological sciences, medical imaging, remote sensing, environmental monitoring, cultural heritage, and homeland security. Various types of detectors are being developed to cover this ample range of applications, exploiting different techniques and approaches. In this Special Issue, we will highlight the latest developments in a series of review papers covering all the areas of particle detection and of complementary electronics for readout and acquisition.

---

### Guest Editors

Dr. Andrea Giachero

Dipartimento di Fisica "G. Occhialini", University of Milano-Bicocca and INFN of Milano-Bicocca, Milano, Italy

Dr. Luca Gironi

Dipartimento di Fisica "G. Occhialini", University of Milano-Bicocca and INFN of Milano-Bicocca, Milano, Italy

---

### Deadline for manuscript submissions

closed (31 January 2021)



## Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



[mdpi.com/si/36228](https://mdpi.com/si/36228)

*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.mdpi.com)





# 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 )