

## Special Issue

# Methods, Applications and Developments in Positron Emission Tomography

### Message from the Guest Editors

It is our pleasure to announce a Special Issue in *Applied Sciences* in the topic of “Methods, Applications, and Developments in Positron Emission Tomography”. In this Special Issue, we encourage the submission of original research articles, review articles, and short technical communications from the above topic. More specifically, we would like to collect methodological articles with applications and recent developments from the following topics of positron emission tomography (PET): image quantification, phantom measurements and protocols, image reconstruction, machine learning, attenuation correction, motion correction, and time-of-flight imaging in PET, PET/MR and PET/CT. Please note that submitted papers should be in the scope of *Applied Sciences*. Furthermore, we encourage all authors to submit a short abstract of 300 words describing their main content of the manuscript, for the editors to better determine whether the paper is suitable for the Special Issue. **Keywords:** PET; PET/CT; PET/MR; Quantification; Phantom measurements and protocols; Image reconstruction; Machine learning; Attenuation correction; Motion correction; Time-of-flight imaging

---

### Guest Editors

Dr. Jarmo Teuho  
Dr. Riku Klén  
Prof. Dr. Mika Teräs

---

### Deadline for manuscript submissions

closed (20 November 2022)



## Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



[mdpi.com/si/78024](https://mdpi.com/si/78024)

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

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





# 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, Embase, CAPIus / SciFinder, and other databases.

#### Journal Rank:

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