



Beam Diagnostics for Medical Application

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Deadline for manuscript submissions:

closed (20 June 2021)

Message from the Guest Editor

Beam diagnostics is a key subject in the field of medical accelerators that, in dealing with patient health, requires very stringent conditions in terms of beam delivery, dose assessment, and isotope production, to name but a few issues.

Today, we have thousands of accelerators all over the world, both for therapy or diagnosis purposes and they cover different types of machines: linear accelerators, cyclotrons, synchrotrons, or synchrocyclotrons.

A deep knowledge of the beam parameters is then essential to advance on the facility performance and also to enlarge the possible applications to improve patient health.

In this Special Issue, we encourage the submission of cutting-edge original research works in the field of beam diagnostics for medical applications, and, in particular, on the most recent instrumentation and technology to improve beam diagnostics. We expect to receive contributions from different medical application areas, such as therapy or diagnosis. Comprehensive review papers are also welcome.





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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.

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