



Physics in Radiation Therapy

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Message from the Guest Editors

Dear Colleagues,

Since the very beginning over 120 years ago, the application of physics has had a paramount impact on the development of radiation therapy (radiotherapy) and its growth as a medical discipline. Physics has a critical role in the development of radiotherapy machines of different types and complexities, the development of detectors for the determination of the absorbed dose in point or absorbed dose distribution in the plane, and the application of physical principles on-site in the clinical environment. Furthermore, imaging systems (e.g., computed tomography, magnetic resonance imaging, positron emission tomography) used for radiotherapy treatment planning based on fundamental physical principles have become a crucial part of the radiotherapy chain.

Therefore, this Special Issue is dedicated to review and research papers related to all kinds of applications of physics in radiotherapy.





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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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