

Special Issue

Medical Physics: Latest Advances and Prospects

Message from the Guest Editor

The principles and methods of applied physics have long been applied to Medicine for the design of diagnostic and therapeutic techniques through the use of ionizing and non-ionizing radiation. Medical Physics covers all areas of applied physics research dealing with the prevention, diagnosis, and treatment of human diseases. Medical Physics encompasses both experimental and theoretical research and strongly involves computing. This Special Issue is dedicated to new developments in the field of Medical Physics, which includes (but is not limited to) radiation therapy, radiation protection, biomedical imaging, and related topics in health physics and biophysics, including space applications. Topics focusing on theoretical, computational, and experimental approaches to Medical Physics are welcome. Keywords:

- external beam radiotherapy
- brachytherapy
- radiopharmaceutical therapy
- biomedical imaging
- radiation protection
- radiation biophysics
- medical biophysics
- radiation dosimetry
- radiation transport
- Monte Carlo simulations
- space radiation health

Guest Editor

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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

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