



Radioisotopes in Applied Sciences

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Message from the Guest Editor

Dear Colleagues,

Radioisotopes have a lot of scientific and technological applications due to their radioactivity and the energy released in form of radiation. Some of them are primordial, others are produced by natural processes (cosmic radiation) or by technology (accelerators, generators, nuclear fission reactors). Radioactivity measurements are performed by specific detectors, developed and used also for nuclear and particles physics and nuclear engineering, and particular techniques specially developed and applied in radionuclides metrology. Far-different fields, such as medicine, safeguards, nuclear energy, cosmology, etc, make use of radioisotopes requiring increasingly performing technologies. This Special Issue aims to identify and review radioisotopes applications in many topics of science and technology focusing the attention on the fields of activity measurements, radiation physics, radioisotopes production methods, detectors and nuclear medicine.

Dr. Marco Capogni
Guest Editor





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Message from the Editor-in-Chief

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