

## Special Issue

# Nuclear Instrumentation

### Message from the Guest Editors

This Special Issue on Nuclear Instrumentation focuses on new instrumentation developments for any kind of nuclear physics experiments. It includes all types of instrumentation for the detection and spectrometry of radiations from low-to-high energy processes and nuclear decays, accelerators and fragment separators, nuclear spectrometers or ion beam analysis techniques, covering major areas related to concepts and instrumentation in detector physics, accelerator science, and associated experimental methods and techniques, theory, modeling, and simulations. Those new instrumentations with medical applications and medical imaging will be considered of high interest. The Special Issue will also cover the design and operation of equipment related with nuclear plant energy production and safety, as well as related technologies. It will provide a forum to discuss and present recent research results in radiation detection technology, with a particular focus on design and deployment of radiation sensing and dosimetry instruments, particularly for nuclear decommissioning and security applications.

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### Guest Editors

Prof. Dr. Pablo Cabanelas

Dr. Marisol Robles Manzano

Dr. Joochun Park

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### Deadline for manuscript submissions

closed (31 October 2022)



## Journal of Nuclear Engineering

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Impact Factor 1.2  
CiteScore 2.6



[mdpi.com/si/48853](https://mdpi.com/si/48853)

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## About the Journal

### Message from the Editor-in-Chief

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#### Editor-in-Chief

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