

Special Issue

Detectors & Sensors in Nuclear Physics and Nuclear Astrophysics

Message from the Guest Editor

The construction and operation of existing and new-generation nuclear facilities worldwide have significantly advanced the development of various detectors. Recent enhancements in materials, transducers, electronics, computing, and data transmission contribute to the improved performance and compactness of these detectors. These rapid technological progresses have notably improved measurements in nuclear physics and nuclear astrophysics. In this context, the aim of this Special Issue is to gather original research works and review topics on detectors related to nuclear physics and nuclear astrophysics studies, encompassing both innovative projects and well-developed techniques. Articles can focus on detector design and technical features, construction, performance evaluation, and characterization, based on physical studies, applications, and/or mathematical simulations. Studies that include practical and innovative instrumentation applications, as well as reviews of special advanced detector types worldwide, are especially welcomed.

Guest Editor

Dr. Zhuang Ge

Department of Physics, University of Jyväskylä, 40014 Jyväskylä, Finland

Deadline for manuscript submissions

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Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sensors@mdpi.com

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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

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