

# Special Issue

## X-ray Spectrometry

### Message from the Guest Editors

Although the field of X-ray spectrometry has been around almost since the discovery of X-rays by Wilhelm Conrad Röntgen, there are still numerous unexplored areas of physics and applications accessible by X-ray spectrometry. The development of new technology and techniques for elemental quantification through X-ray spectrometry makes it one of the preferable options for, among others, material characterization, quantification of biological and geological samples, and cultural heritage applications. Moreover, many studies beyond the current state of knowledge are based in X-ray spectrometry of exotic states of matter. The development of high-precision instruments and apparatus allows the comparison with the currently accepted knowledge, testing it and challenging it in order to improve our understanding of nature.

This Special Issue will serve as a gateway to connect several fields of science that have in common X-ray processes and technologies, aiming at both theoretical and experimental aspects of X-ray science.

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#### Guest Editors

Dr. Mauro Guerra

Dr. Jorge Machado

Dr. Marta Manso

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#### Deadline for manuscript submissions

closed (28 February 2024)



## International Journal of Molecular Sciences

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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