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X-ray Spectrometry

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Deadline for manuscript
submissions:

closed (28 February 2024)

Message from the Guest Editors

Dear Colleagues,

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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Dr. Marta Manso
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mdpi.com/si/149772

Special Issue



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Message from the Editor-in-Chief

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