

Special Issue

Recent Innovations in X-Ray Sensing and Imaging

Message from the Guest Editors

X-ray sensing and imaging underpin critical applications in medical diagnostics, industrial nondestructive testing (NDT), security screening, and materials science due to their unparalleled penetration depth and non-invasive capabilities. This Special Issue seeks original research and reviews on emerging X-ray imaging, detection, algorithms, and applications that push the boundaries of X-ray sensing. Potential topics include, but are not limited to:

- Dual-energy;
- X-ray phase-contrast imaging;
- X-ray scatter imaging;
- X-ray imaging with deep learning;
- X-ray dark-field imaging;
- Scintillators and detectors.

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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.

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