

X-ray imaging using compact light sources - Part II

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From liquid metal jet to laser driven x-ray sources, a variety of new, compact x-ray sources are emerging in between the gold standard of synchrotron facilities and the widely used standard laboratory x-ray sources. Translating, adapting, or redesigning x-ray imaging techniques specifically for these novel sources is paramount to achieve the best performance and serve the society by providing new tools for science, industry, security, and education.

We present here some preliminary results of application of different x-ray techniques at these novel sources, and we describe the challenges, possible solutions and future perspectives.

Summary

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