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## The Lyncean Compact Light Source, A Multi-Discipline Source for the Modern X-ray Facility

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The Lyncean Compact Light Source (CLS) is a “table-top” synchrotron that provides many of the beam qualities found at a large government operated synchrotron, such as high flux, quasi-monochromatic and continuously energy tunable. These beam qualities enable a variety of synchrotron quality measurements to be performed such as imaging/CT, diffraction, scattering and spectroscopy, making the CLS an ideal cornerstone for a university or research institute based, multi-disciplined X-ray facility. The technology behind the CLS will be discussed, as well as applications being performed at the Biomedical Engineering Dept. of the Technical University of Munich.

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