# How DECTRIS X-ray detectors can help you in your research

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DECTRIS develops and manufactures the most accurate X-ray detectors to spark scientific breakthroughs around the world. DECTRIS systems have revolutionized X-ray detection at synchrotron beamlines with their outstanding data quality, high performance and simple operation.

Our leading synchrotron technology is also available for laboratory applications. Direct detection of X-rays in a solid-state sensor achieves the sharpest signals and the highest resolution. Eliminating dark current and readout noise enables DECTRIS detectors to reach unsurpassed signal-to-noise ratios and outperform other laboratory detector technologies.

This presentation will give an overview of the available DECTRIS X-ray detectors and their unique advantages. You will also learn how these advantages can help you in your research.