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The versatile indirect X-ray imaging detector pool at beamline ID19 of ESRF

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Beamline ID19 of the European Synchrotron Radiation Facility offers hard X-ray imaging with a high level of versatility: the beam size can vary from a few millimeter in square up to 1 cm x 5 cm. The energy level spans from 15 to 250 keV. Depending on the user experiment, high temporal or spatial resolution with different contrast modes are requested. This presentation will outline the comparable large detector pool which has been established at the beamline in order to tune the hardware to the needs of the experiments: different optical systems, cameras and scintillators have been made available for routine use. Maintenance concepts are available as well.

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