The Maia detector: past, present and future

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The Maia detector is the outcome of a fortuitous meeting of two of the authors at a conference in San Francisco in 2003. The first prototype, having 32 detectors, was tested at Brookhaven National Laboratory in 2006-2007 timeframe. By 2010 the first 384-element system was completed and was installed at the new microprobe beamline at the Australian synchrotron. Development of the system continues, and this talk will review the principles of its operation, some applications and our plans for its future.