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High-Throughput, Tabletop, Ultrafast EUV Ptychography across Lengthscales

We report the design of a compact beamline for Time-Resolved Ptychography driven by a 13nm and 30nm High-Harmonic Generation source. The microscope is capable of quantitative, ultrafast, full-field microscopy supporting near-wavelength spatial and sub-50fs temporal resolutions.

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