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A Beamline combining XUV Attosecond Pulses with sub-2 fs Deep-UV Pulses

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1.9-fs deep ultraviolet pulses (150 nJ) are obtained from third-harmonic generation in argon using a laser micro-machined gas cell. The source is synchronized with isolated attosecond XUV pulses offering new avenues in attosecond spectroscopy of bio-relevant molecules.

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