

Abstract Submitted
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Characterization of Femtosecond UV Pulses using an Autocorrelator.¹ CATHERINE MIKHAILOVA, University of Virginia, ZANE PHELPS, SURJENDU BHATTACHARYYA, ANBU VENKATACHALA, DANIEL ROLLES, Kansas State University — The characterization of ultrafast laser pulses is essential for determining the scope and capability of ultrafast experiments. Using an autocorrelator and subsequent data analysis techniques, we developed a robust and wavelength-independent measurement of both pulse duration and chirp for sub-100 fs UV pulses.

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