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Single-Image Measurement of an Isolated Attosecond Pulse

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We demonstrate single-image measurement of an isolated attosecond pulse. By imaging X-rays on a detector, the amplitude and phase of the attosecond pulse are measured from a single image, showing a duration of 190 as.

Authors: Dr KO, Donghyuk (University of Ottawa); Dr ZHANG, Chunmei (University of Ottawa); Prof. CORKUM, Paul (University of Ottawa)

Presenter: Dr KO, Donghyuk (University of Ottawa)

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