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Interferometric Attosecond Lock-in Measurement of Extreme Ultraviolet Circular Dichroism

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We establish an extreme ultraviolet lock-in detection scheme, allowing the isolation and amplification of weak chiral signals, by achieving a direct time-domain polarization control. We demonstrate it by a phase-resolved measurement of magnetic circular dichroism.

Authors: Mr KNELLER, Omer (Weizmann Institute of Science); Dr AZOURY, Doron (Weizmann Institute of Science); Dr KRUEGER, Michael (Weizmann Institute of Science); Dr BARRY D., Brunner (Weizmann Institute of Science); Prof. COHEN, Oren (Technion); Prof. MAIRESSE, Yann (Universite de Bordeaux - CNRS - CEA, CELIA); Prof. DUDOVICH, Nirit (Weizmann Institute of Science)

Presenter: Mr KNELLER, Omer (Weizmann Institute of Science)

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