

Abstract Submitted
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Molecular Level-Crossing Dynamics in Condensed Phase from an Optical Hanle Effect Perspective RACHEL GLENN, MARCOS DANTUS, None — The molecular optical Hanle effect typically involves field-induced level-splitting to measure excited state lifetimes. Here I will discuss how curve-crossing dynamics probed with a single shaped pulse in the weak field regime can be understood from a perspective of the molecular optical Hanle effect. I will discuss how pulse shaping can be utilized to investigate the curve-crossing dynamics occurring in a large organic molecule in solution. Both Experimental and theoretical results will be presented.

Rachel Glenn
None

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