

# Femtosecond correlated photon echo in CdS crystal under two-photon excitation by two pairs of crossed laser beams

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## Abstract

© 2015 Astro Ltd. We consider the possibility of observing a femtosecond correlated photon echo (FCPE) under two-photon excitation of CdS crystal by two pairs of crossed laser beams. The peculiarities of FCPE signals and their possible applications are discussed.

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## Keywords

CdS crystal, correlated photons, two-photon absorption