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# Time-resolved photon echo and fluorescence anisotropy study of organically doped sol-gel glasses

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## Abstract

We present the first time resolved photon echo measurements of homogeneous dephasing of organic dopants in an inorganic sol-gel glass and compare these results with recent hole- burning experiments. In addition, energy transfer mechanisms and chromophore spatial distributions are investigated by time-resolved fluorescence anisotropy measurements.

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