

Prof. Steve Meech

School of Chemistry, University of East Anglia, UK

Ultrafast Structural Dynamics in Photomolecular Rotors

Abstract

Structural Change driven by light absorption is a key step in subjects as diverse as the perception of light, the operation of nanomachines and the implementation of ultraresolution imaging. Here the application of ultrafast spectroscopic methods to probe the microscopic mechanism of excited state structure change in a family of photomolecular rotors is described.

Biography

Ultrafast spectroscopist at UEA since 1994. PhD Southampton/Royal Institution under David Phillips. Research Fellowships in USA, Netherlands and Japan.