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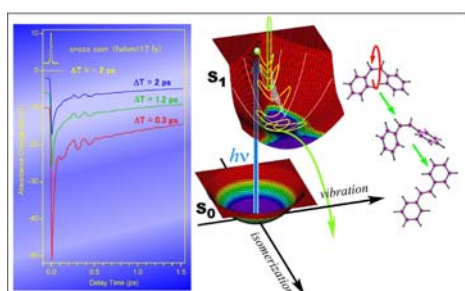
【Speciality】 Molecular Science by Advanced Spectroscopy

【Keywords】 Ultrafast Spectroscopy, Nonlinear Spectroscopy,
 Photochemistry, Interface, Complex Systems

【Research Subject】 Study of Complex Molecular Systems by Advanced Spectroscopy

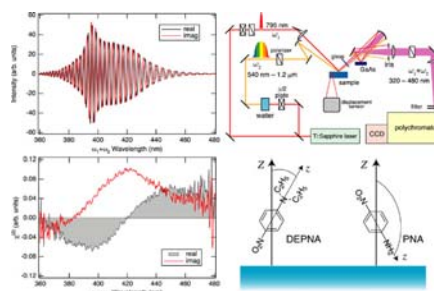
Research Group Activity

Study of nuclear wavepacket motion and photochemical reactions using ultrashort optical pulses



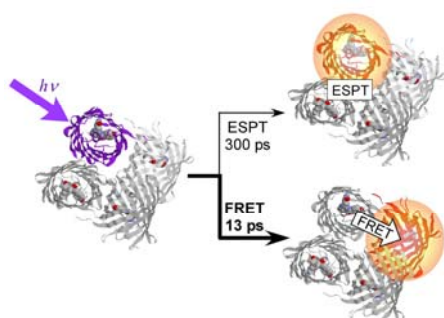
Real-time tracing of structural change of *cis*-stilbene in ultrafast photoisomerization

Study of interfaces by new nonlinear spectroscopy



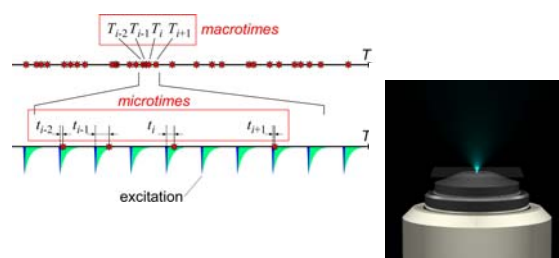
Observation of electronic and vibrational spectra of interfacial molecules by heterodyned sum-frequency generation

Femto-millisecond spectroscopic study of the complicated molecular systems



Fluorescence Mechanism of Fluorescence Proteins

Development of new methods of advanced spectroscopy



Development and application of new fluorescence correlation spectroscopy