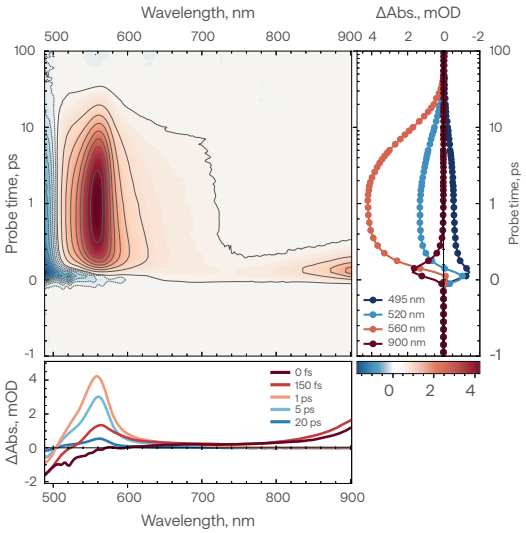
Ultrafast Spectroscopy

HARPIA | TA

Femtosecond pump-probe

Spectral dynamics of β-carotene in solution, acquired using **HARPIA-TA**.

MEASUREMENT CONDITIONS
Pulse repetition rate: 100 kHz
Pump wavelength: 490 nm
Pump pulse energy: < 10 nJ
Acquisition time: 13 s per spectrum
(per delay point)

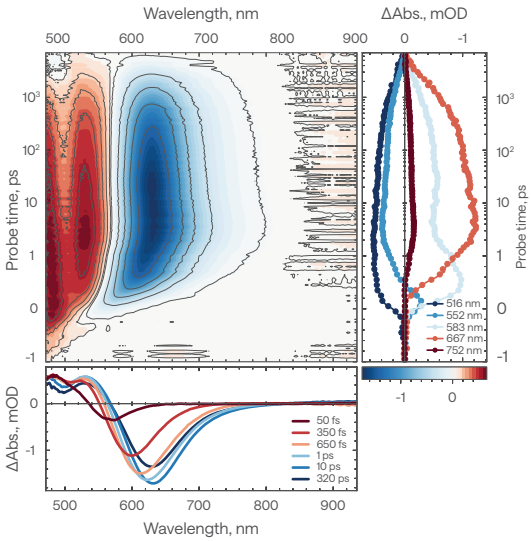


HARPIA | LIGHT

Femtosecond pump-probe

Spectral dynamics of DCM laser dye in solution, acquired using **HARPIA-LIGHT**.

MEASUREMENT CONDITIONS
Pulse repetition rate: 60 kHz
Pump wavelength: 343 nm
Acquisition time: 3 s per spectrum
(per delay point)

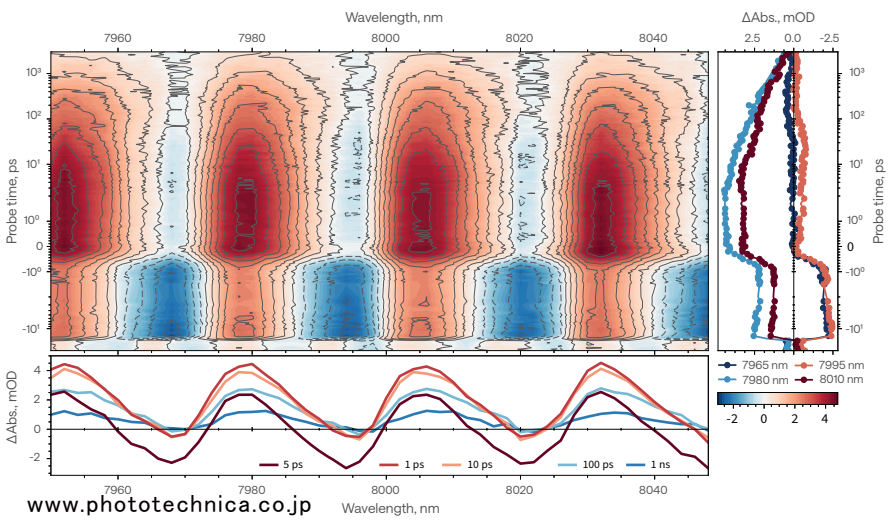


HARPIA | TA

IR femtosecond pump-probe

Pump-probe dynamics of a GaAs wafer in the IR, acquired using signal and reference single-channel detectors of **HARPIA-TA**.

MEASUREMENT CONDITIONS
Pulse repetition rate: 75 kHz
Pump wavelength: 700 nm
Acquisition time: 1 s per point



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