

EOS

Nanosecond Transient Absorption Spectrometer

Nanosecond Transient Absorption of ZnTPP

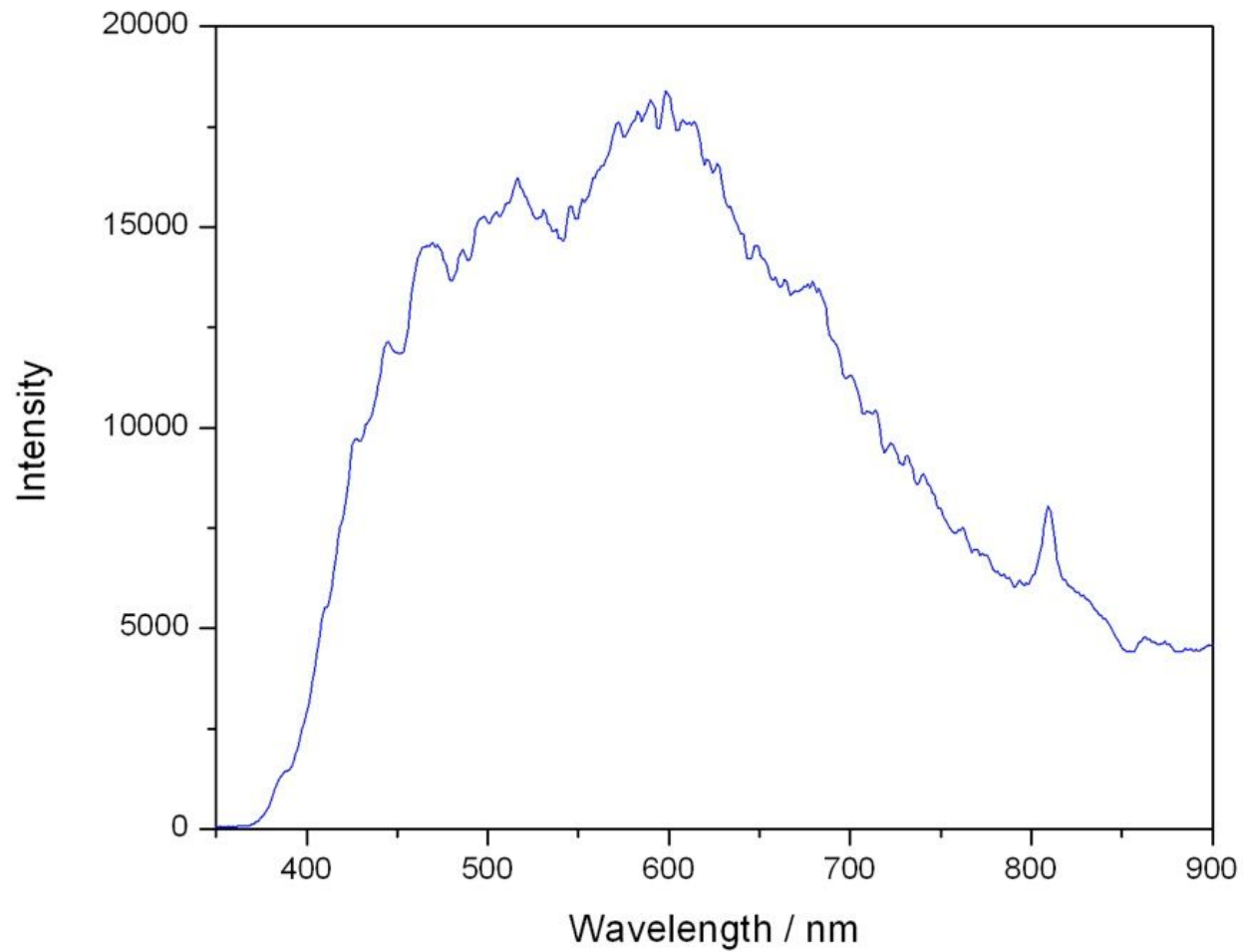


DATA EXAMPLE

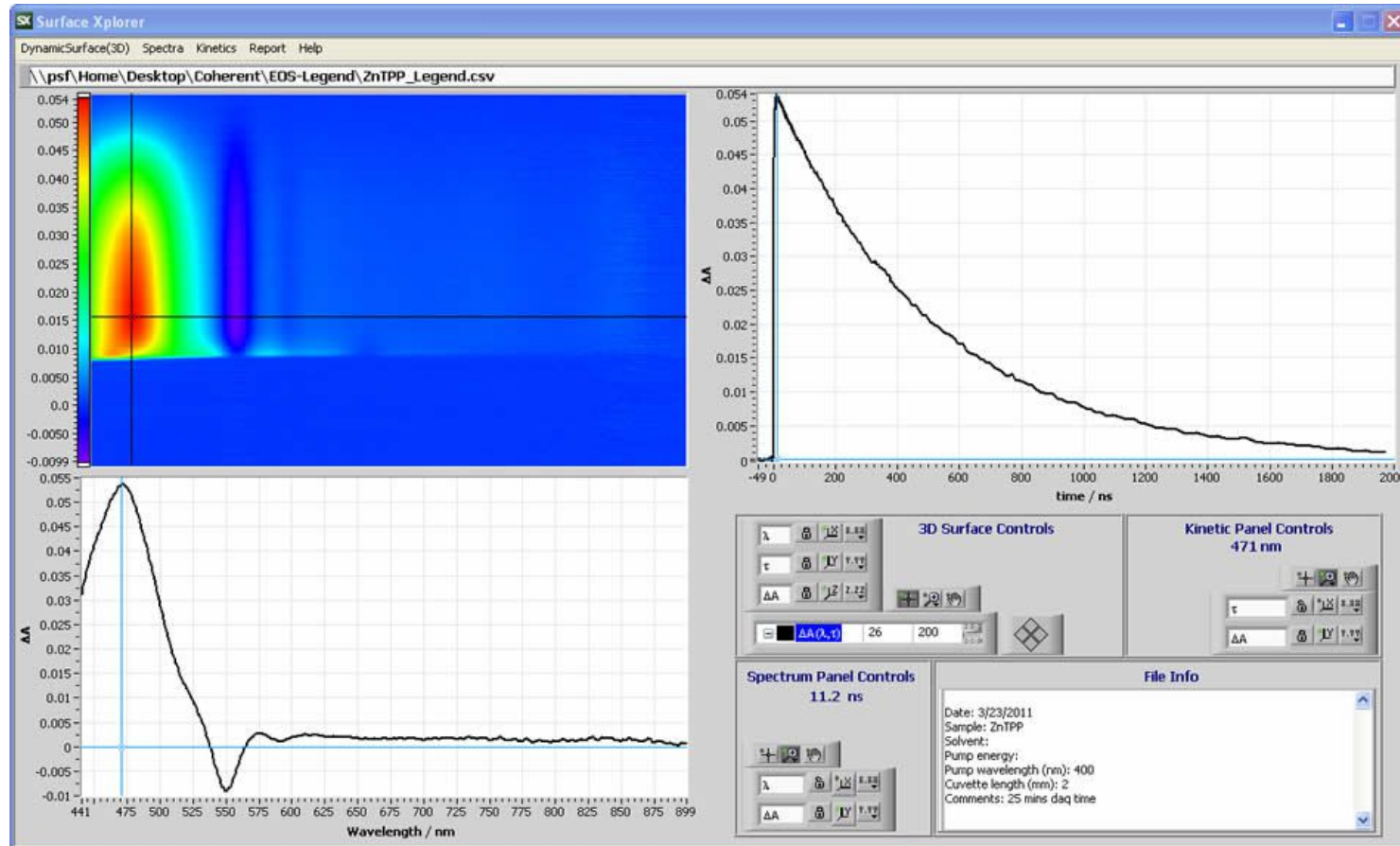
Experiment Details

- Sample: Zinc Tetra-Phenyl-Porphyrin (ZnTPP)
- Solvent: Toluene
- Laser / OPA: Coherent Legend Elite @ 1 kHz/ Harmonics Generator
- Pulse duration: 30 fs
- Pump energy: 2 μ J
- Ground state absorbance: 0.04@355nm
- Pump wavelength: 400 nm
- Measurement time: 25 min
- The experiment was performed with two channels (probe – reference)
- The background noise in the experiment was 5E-4 OD
- No correction for excitation energy fluctuations was performed

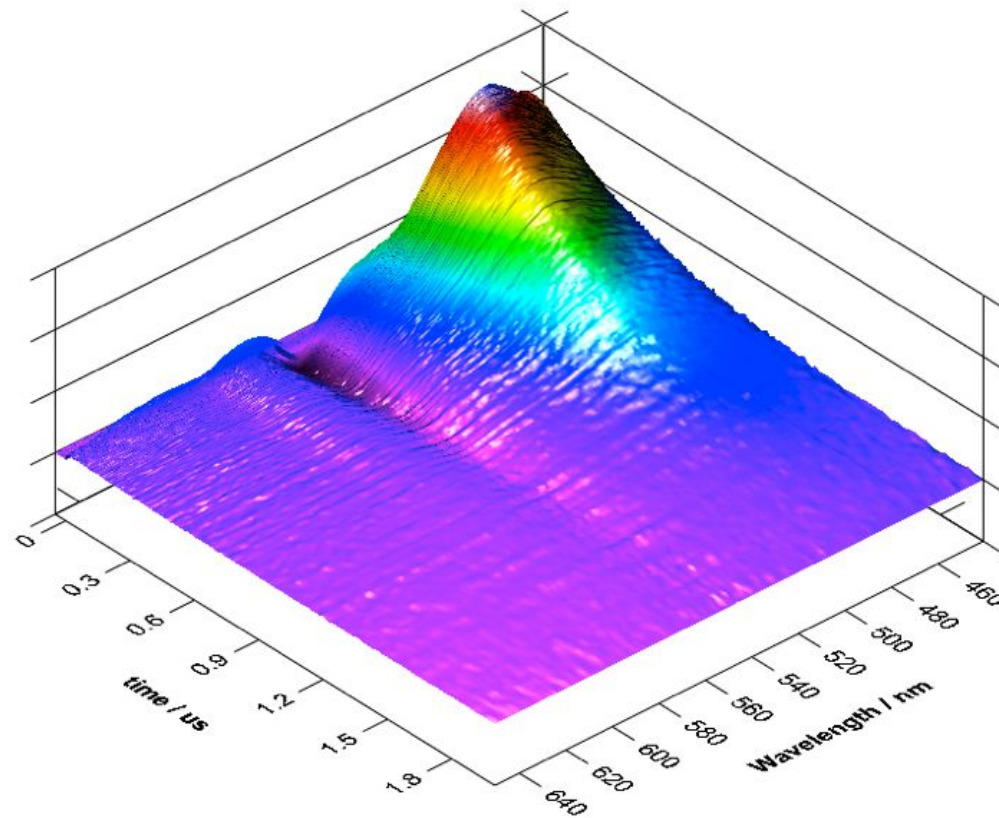
EOS Probe Light Spectrum



ZnTPP Dynamic Surface with Kinetic and Spectral Slices in Surface Xplorer Software



Dynamic Surface of ZnTPP



Dynamic Surface of TPP (3D View)

