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[Speciality] Physical Chemistry, Molecular Spectroscopy

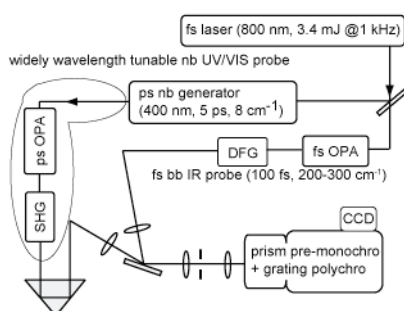
[Keywords] IR-UV/VIS sum-frequency generation, organic monolayer, electronically-vibrationally double resonance

[Research Subject] Vibrational and electronic structures of organic and biomolecular interfaces studied by SFG spectroscopy

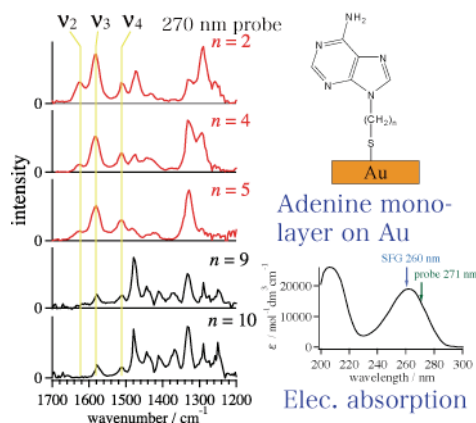
Research Group Activity

- Multiplex SFG spectrometer

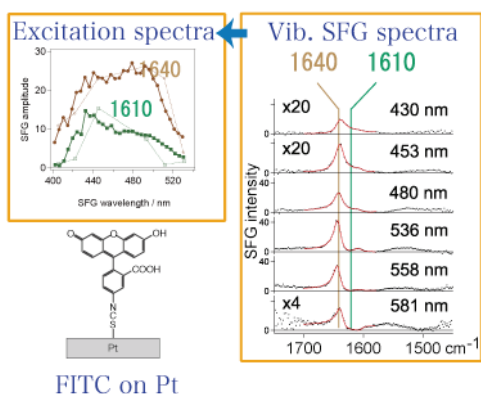
Wide tunability of UV/VIS probe



- Doubly resonant SFG spectra of biological molecular monolayer



- Vibrationally selected electronic spectra of mixed monolayers by SFG



- Chiral vib. spectroscopy by SFG

