

## Poster Presentations

#	Presenter	Title
P01	Yi-Hsuan Chiu	Spectrally resolved VUV photoinduced energy transfer in layered ices
P02	Shun-Lin Tseng	The mechanisms of pure H <sub>2</sub> S ice and H <sub>2</sub> O+H <sub>2</sub> S ice mixtures under 1 keV electron irradiation
P03	Cheng-Han Tsai	Fourier-transform microwave spectrum of the two conformers of the CHClCHO radical
P04	Yu-Hsuan Chang	Spectral studies of the reaction of the Criegee intermediate CH <sub>3</sub> CHOO with HNO <sub>3</sub> using a step-scan Fourier-transform infrared spectrometer
P05	Ssu-Ju Huang	Spectral studies of the reaction of the Criegee intermediate methyl vinyl ketone oxide with HNO <sub>3</sub> using a step-scan Fourier-transform infrared absorption spectrometer
P06	Jun-Ying Feng	Infrared spectra of protonated glycine (H <sup>+</sup> NH <sub>2</sub> CH <sub>2</sub> C(O)OH) isolated in solid <i>para</i> -H <sub>2</sub>
P07	Ju-Yin Hsu	Formation reaction mechanism and infrared spectra of Criegee intermediate 3-pentene-2-one oxide and its associated precursor and adduct radicals
P08	Tang-Yu, Kao	Rate coefficients of <i>syn</i> -/ <i>anti</i> -CH <sub>3</sub> CHOO with HCl and CH <sub>3</sub> CHI with O <sub>2</sub> investigated with an IR/UV dual laser absorption system
P09	Prasad Ramesh Joshi	Introduction of a novel method for H atom generation in solid <i>p</i> -H <sub>2</sub> and its application in the reaction with acetaldehyde [CH <sub>3</sub> C(O)H]: An approach to astrochemistry
P10	Hsin-Yu Tang	Electronic states of isoquinoline
P11	Jun-Hao Yu	A study of the protonated nicotine spectrum approached by applying the discrete variable representation technique in protonated-pyridine and N-methylpyrrolidine
P12	Dong Cao Hieu	A study on conformational changes induced by methyl side chains in protonated tripeptides assisted by NNP
P13	Po-Jen Hsu	Hydrogen bond network structures of protonated methanol/ethanol mixed clusters probed by infrared spectroscopy combined with a deep-learning structure sampling approach
P14	Huu Trong Phan	Unravelling the low-energy conformers of di-saccharides with first-principles accuracy assisted by neural network potentials
P15	Chih-Hao Chin	Radical-molecular reaction dynamics probed using ab initio/RRKM calculations: CH <sub>2</sub> ( <sup>1</sup> A <sub>1</sub> ) + acetylene
P16	Sheng-Lung Chou	VUV photolysis of silane with nitric oxide in solid neon