

Erika Kinoshita

Email: erika.kinoshita@riken.jp
Molecular Spectroscopy Laboratory
RIKEN, Wako, Saitama 351-0198, Japan

■ Research interest

Laser spectroscopy, Chemical reaction dynamics

■ Education

2022-Present Master student of Science, Kyoto University, Japan
2018-2022 B. Sc., Doshisha University, Japan

■ Academic awards and others

- Executive committee for 62th Summer school for young researcher of Japan Society for Molecular Science (Present)
- Poster award : Spectroscopy of surface, interface (2022)
- Poster award : 43th Symposium on Solution Chemistry of Japan (2021)

■ Research experience

April 2021-March 2022 (Supervisor: Prof. Yoshifumi Kimura, Department of Molecular Chemistry and Biochemistry, Faculty of Science and Engineering, Doshisha University)

Formation of a new complex during a photo-induced proton transfer reaction in alkylsulfate ionic liquid

April 2022-March 2023 (Supervisor: Prof. Kazuya Watanabe, Department of Chemistry, Graduate School of Science, Kyoto University)

Reaction of water and deuterium co-adsorbed on Pt(533) by using heterodyne-detected vibrational sum frequency generation spectroscopy

April 2023-Present (Supervisor: Prof. Tahei Tahara, Molecular Spectroscopy Laboratory, RIKEN)

Vibrational relaxation dynamics of OH stretch at the air/HOD interface using time-resolved heterodyne-detected vibrational sum frequency generation spectroscopy