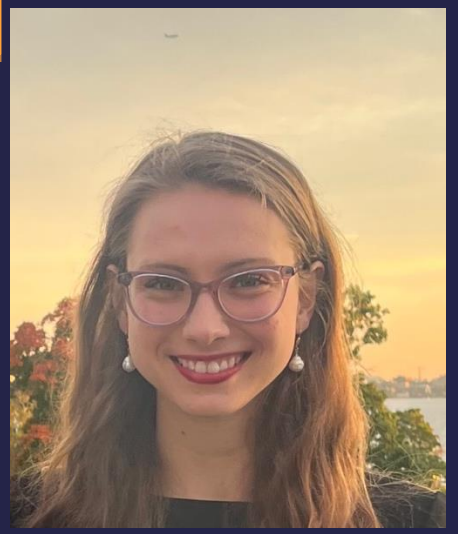
PCE_3 Seminar Series

Thurs, Sept. 26th

12 p.m. EST/9 a.m. PST

More information & registration:
prebioticchem.info/seminar-series/index.html



Ruby Neisser

Graduate Student

University of Wisconsin-Madison

"Sublimation of Laboratory Ices Mm/submm Experiment"

Holdson Haocheng Liang

Ph.D. Candidate

University of Wisconsin-Madison

"Probing Prebiotic Radicals: A Laboratory Instrumental Approach with Millimeter/Submillimeter Spectroscopy"

Topical introduction by Susanna Widicus Weaver, University of Wisconsin-Madison

Ruby Neisser

Ruby is a second-year graduate student at the University of Wisconsin-Madison working in the Widicus Weaver research group. Her research focuses on using infrared spectroscopy, mass spectrometry, and rotational spectroscopy to investigate the chemical pathways in interstellar ice analogues subjected to UV irradiation and thermal processing. Ruby graduated William & Mary with a B.S. in Chemistry, where she worked in the Kidwell lab investigating the structure and photochemistry of atmospherically relevant molecules using laser-spectroscopy techniques.

Holdson Haocheng Liang

Holdson Haocheng Liang received his B.S. in Chemistry from California State Polytechnic University, Pomona in spring 2021. He is currently a Ph.D. candidate and a NASA FINESST fellow at University of Wisconsin-Madison, where he is a member of an astrochemistry group led by Prof. Widicus Weaver. Hao's current research focuses on investigating prebiotic radical species using a millimeter/submillimeter spectrometer coupled with supersonic expansion high-voltage discharge source.