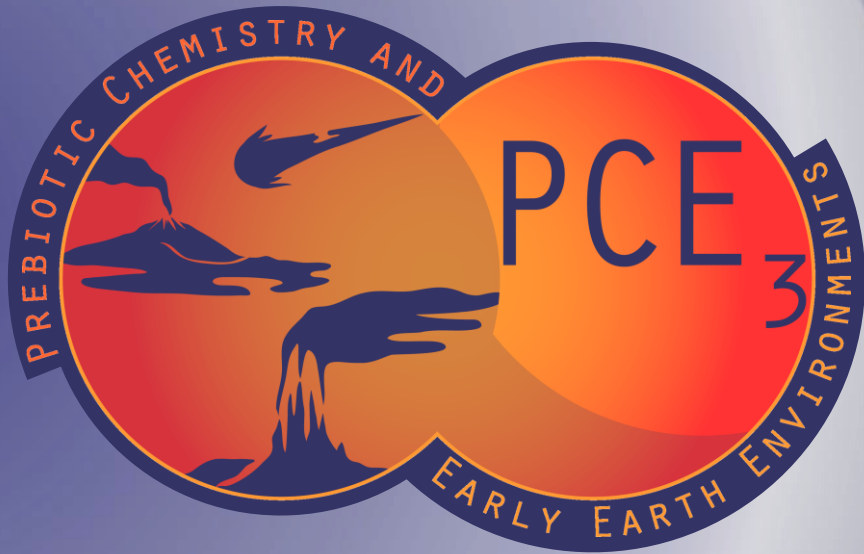


Theme:
Pre-RNA Chemistry



PCE₃ Seminar Series

Thurs, July 20th - 5 p.m. EDT

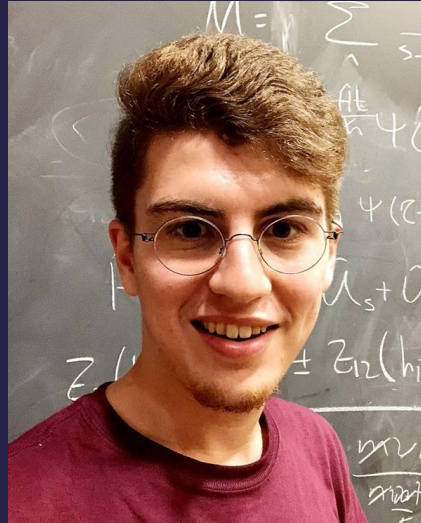
2 p.m. PDT

More information & registration:

prebioticchem.org/seminars



@PCE3_Sci



Furkan Ozturk

PhD Student

Harvard University, Department of Physics

"Origin of Biological Homochirality by Crystallization of an RNA Precursor on a Magnetic Surface"



Shotaro Tagawa

PhD Student

Tokyo Institute of Technology, Earth Life Science Institute

"Prebiotic Organic Phosphorylation in Deep-Sea Supercritical Carbon Dioxide-Water Environment"

Furkan Ozturk

Furkan received his B.Sc. in Physics in 2018 from Bilkent University in Ankara, Turkiye. He then started his Ph.D. in Physics at Harvard University, where he focused on constructing an Erbium quantum gas microscope in the group of Markus Greiner. In 2021, Furkan shifted his research interest to the origins of life and joined the group of Dimitar Sasselov. Since 2021, he has been primarily investigating the origins of biomolecular homochirality.

Shotaro Tagawa

Shotaro Tagawa is a PhD student in the School of Life Science and Technology at Tokyo institute of Technology (Tokyo Tech)/Earth-Life Science Institute (ELSI). He obtained B.S. in control engineering from Kyushu institute of Technology in 2018 and M.S. in neuroscience (Brain Machine Interface) from Osaka University in 2020. He joined Tokyo Tech/ELSI as a PhD student in 2021 after leaving his job as a recruitment agent. He is tackling the role of liquid/supercritical CO₂ fluids and pools under the seafloor in the origin of life. His current work is focuses on phosphorylation in deep-sea hydrothermal systems.