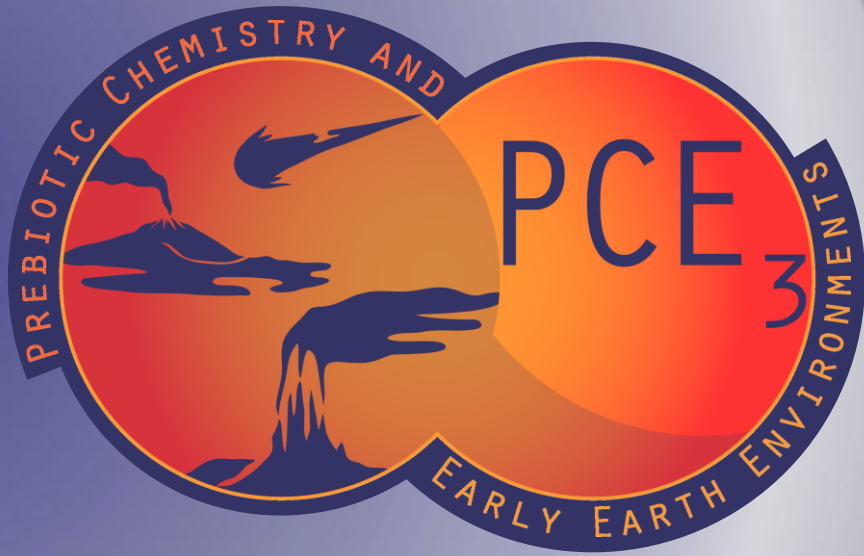


Theme:  
Prebiotic Nucleotide Synthesis



## PCE<sub>3</sub> Seminar Series

Thurs, June 8<sup>th</sup> - 5 p.m. EDT

2 p.m. PDT

More information & registration:

[prebioticchem.org/seminars](http://prebioticchem.org/seminars)



@PCE3\_Sci



### Yuta Hirakawa

PhD Candidate

*Tohoku University, Department of Earth Sciences*

"Borate-Guided Sugar Phosphorylation for Prebiotic Nucleotide Synthesis and the Origin of Life"



### Nick Green

Lecturer

*University of Otago, Department of Chemistry*

"A Prebiotic Photochemical Link Between DNA and RNA"

## Yuta Hirakawa

Yuta Hirakawa is a PhD student in the Department of Earth Science at Tohoku University, where he also obtained his B.S. and M.S. in 2019 and 2021, respectively. He has been recognized for his work in awards for student excellence from the Geochemical Society of Japan. His current work focuses on prebiotic phosphorylation reactions.

## Nick Green

Nick Green is a lecturer of the Chemistry Department at the University of Otago, New Zealand. He completed his PhD in organic synthesis at the Australian National University, Canberra. He next worked on total synthesis and method development at University of Edinburgh, and then joined the Laboratory of Molecular Biology, Cambridge, working on the origins of life, before moving to Otago in 2022. His group studies organic and biological chemistry related to new methods and structures, and the origins of biological systems.