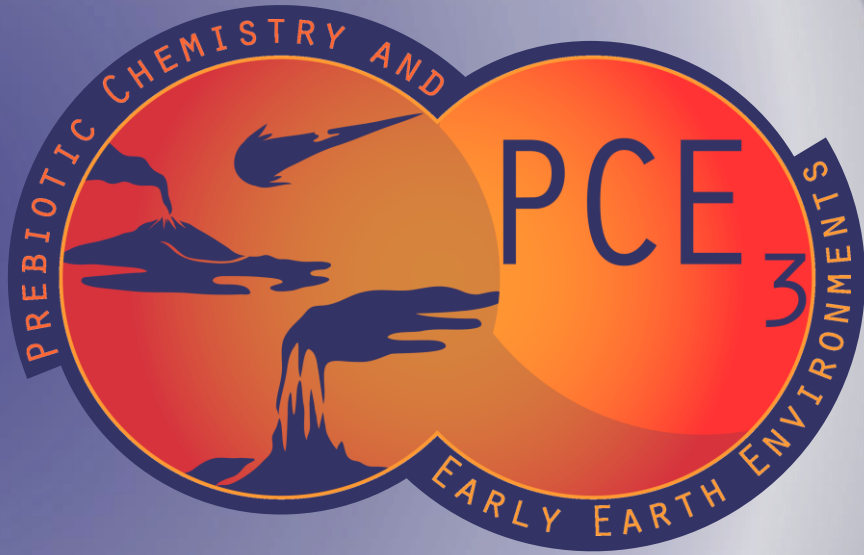


Theme:
Mineral Evolution



PCE₃ Seminar Series

Thurs, June 9th

1 p.m. EST/10 a.m. PST

More information & registration:

prebioticchem.info/seminar-series/index.html



@PCE3_Sci



Shaunna Morrison

Research Scientist
*Carnegie Institution for Science,
Earth and Planets Laboratory*

"Mineral Informatics: A mineralogist's perspective"

Anirudh Prabhu

Geo-Informatics Scientist
*Carnegie Institution for Science,
Earth and Planets Laboratory*

"Mineral Informatics: A data scientist's perspective"



Micah Schaible

Research Scientist
*Georgia Institute of Technology,
EPICS Laboratory*

"Mineral Surfaces as a Sites for Prebiotic Chemistry:
CaCO₃ catalysis of uridine phosphorylation"

Shaunna Morrison

Shaunna M. Morrison is a mineralogist and planetary scientist with expertise in crystallography, crystal chemistry, and the application of data driven techniques. Morrison is the 4D (Deep Time Data Driven Discovery) Initiative Co-Director at the Carnegie Institution for Science's Earth and Planets Laboratory, former Project Manager of the Carnegie led Deep-Time Data Infrastructure (DTDI), a Co-Investigator of the CheMin X-ray diffraction instrument on the NASA Mars Science Laboratory (MSL) mission, a collaborator on the NASA Astrobiology ENIGMA Project, a Co-Investigator of the NASA Astromaterials Data System, and a data contributor and collaborator of the RRUFF Project, including the Mineral Evolution Database (MED), Mineral Properties Database (MPD), and the Evolutionary System of Mineralogy Database (ESMD).

Anirudh Prabhu

Prabhu's research involves developing algorithms, visualizations, and methods in the fields of Artificial Intelligence, Machine Learning and Informatics and their application in a variety of domains such as Earth and Space Science, Paleobiology, and Microbiology. Prabhu was the Student Representative of the Geo-informatics and Data Science Division of the Geological Society of America from 2018 to 2021, and has been a member of the Data Science Team of both the Deep Carbon Observatory and the 4D initiative since 2016. Prabhu has been awarded the "Founder's Award of Excellence" at RPI.

Micah Schaible

Micah J Schaible is currently a Research Scientist II in the Georgia Tech EPICS lab and part of the NASA SSERVI REVEALS teams at Georgia Tech. Micah completed his B.S. in General Engineering at Montana Tech University and then his M.S. and Ph.D. in Engineering Physics from the University of Virginia. He also co-founded the GT ExplOrigins group and is the lead editor of the Astrobiology Primer 3.0. Micah has received NASA graduate and postdoctoral research fellowships, and his service work has been recognized through the Fred D. Rossi Outstanding Citizen Award at UVA and the Research Faculty Community Trailblazer Award at GT.