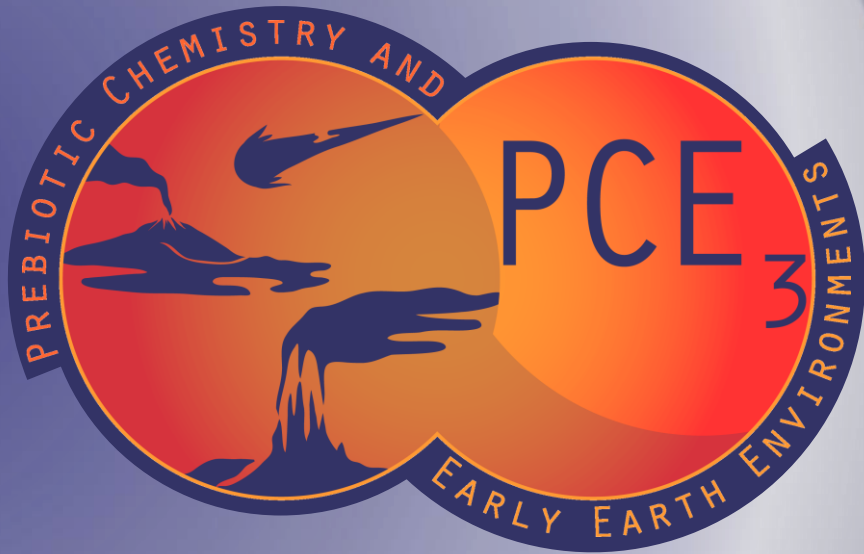


Theme:
Oceans and Land Masses



PCE₃ Seminar Series

Thurs, April 28th

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

More information & registration:

prebioticchem.info/seminar-series/index.html



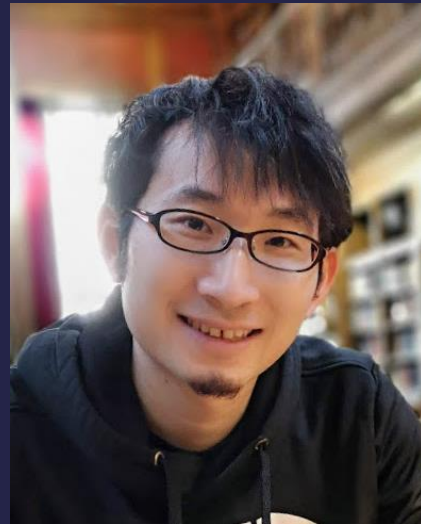
@PCE3_Sci



Beth Ann Bell

Assistant Project Scientist
*University of California, Los Angeles,
Ion Microprobe Laboratory*

*"Zircon as probe of Earth's early
hydrosphere and environment"*



Yoshi Miyazaki

Postdoctoral Fellow
*California Institute of Technology,
Center for Comparative Planetary
Evolution*

*"Ocean formation modulated by
Hadean geodynamics"*

Topical introduction by Mark Harrison, Distinguished Professor of Geochemistry, University of California, Los Angeles

Beth Ann Bell

Beth Ann Bell received her B.S. from the University of South Carolina and her Ph.D. in geochemistry from UCLA. She received a Simons Collaboration on the Origins of Life postdoctoral fellowship in 2013. She is now an assistant project scientist in the ion microprobe laboratory at UCLA. Her research focuses on using zircon and other igneous minerals as probes for reconstructing the earliest crust and environment of Earth.

Yoshi Miyazaki

Yoshi is a Stanback postdoctoral fellow at Caltech Center for Comparative Planetary Evolution. He received his Ph.D. from Yale University and his bachelor's degree from the University of Tokyo. His research interest is to understand the processes responsible for creating a habitable surface environment on Earth by modeling the early-stage evolution of terrestrial planets. The goal is to build a self-consistent model that accounts for the interplay between dynamics and thermo-chemistry and to fully make use of available geo- and cosmochemical constraints.

Mark Harrison

Harrison received his B.Sc. from the University of British Columbia (1977) and Ph.D. (1981) from the Research School of Earth Sciences (RSES), Australian National University. After a postdoc at the Carnegie Institution, he spent 8 years at SUNY Albany developing $^{40}\text{Ar}/^{39}\text{Ar}$ thermochronometry. He moved to UCLA in 1989 where he is Distinguished Professor of Geochemistry. There he served as Chair of the Department of Earth and Space Sciences and Director of the Institute of Geophysics and Planetary Physics while investigating the evolution of the Tibetan-Himalayan orogen. From 2001 to 2006 he served as RSES Director where he turned his attention to the nature of Hadean Earth. Harrison is Fellow of the American Geophysical Union (AGU), Geological Society of America (GSA), Geochemical Society, and Geological Society of Australia and a member of the Australian Academy of Science and U.S. National Academy of Science. He has received several awards including GSA's Day Medal and AGU's Bucher Medal.

