



SELWYN SYMPOSIUM 2019

The co-evolution of life and Precambrian environments

University of Melbourne, September 30th, 2019

Register now at <https://www.gsavic.org/selwyn-symp-2019.html>

Poster presentations are invited and ASG student travel funding available

Symposium (9am to 6.15 pm, Fritz Loewe Theatre, Earth Sciences)

Early Earth

Martin van Kranendonk (UNSW): An origin of life on land: New insights from a deep time analogue and implications for the search for life on Mars

David Flannery (QUT) Archean analogues for Martian biosignatures

Balz Kamber (QUT) Did changing land composition drive Palaeoproterozoic atmospheric and biologic evolution?

Erica Barlow (UNSW) Diversification of early life: microfossils from the c. 2.45-2.21 Ga Turee Creek Group, Western Australia

Georgia Soares (UNSW) Localised oxygen and the complexification of life during the GOE

Juraj Farkaš (U. Adelaide) Chromium isotope constraints on marine redox and Paleoproterozoic oxygenation: Insights from the Greater McArthur Basin

Indrani Mukherjee (UTas) Pyritised Microfossil imaging using LA-ICP-MS: A tool to test biogenicity

End of the Eon

Lidya Tarhan (Yale) Reconstructing the paleoecology, paleoenvironments and preservation of Earth's earliest complex communities

Mary Droser (UC Riverside) The Significance of the Ediacara record of South Australia for our understanding of the early evolution of animals

Malcolm Wallace (U.Melbourne) Neoproterozoic reefs and oceanic oxygenation

Adam Nordsvan (Curtin) Major shoreline migration following Snowball Earth

Ilya Bobrovskiy (ANU) Preservation and origin of Ediacaran fossils

Patricia Rich (Swinburne/Monash) Overview of discoveries at the End of a SuperEon in Namibia

Selwyn Public Lecture (6.15pm, Fritz Loewe Theatre, Earth Sciences)

Noah Planavksy (Yale)- Earth's history and the search for life in our Universe

