


SPEAKER

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@ C015, Lab1

# The Ediacaran biota and the evolution of large body size

[Abstract]
The Ediacaran Period (635-541 million years ago) covers one of the most fascinating transitions in the fossil record, the evolution of large body size. Some of the earliest 'Ediacaran biota' are not only big (up to 2 m) but also have a strange, fractal body plan that doesn't look quite like anything alive today. These Precambrian fossils, first identified only in the 1950s, prompt many questions regarding the evolution of life on Earth. What were these enigmatic macroorganisms and why did they appear at that particular point in earth's history? In this talk I will present recent research aiming to answer these questions by examining processes of growth and development among the Ediacaran biota.

Hosted by: Mathematical Biology Unit (Sinclair Unit)

For more information, please contact MathBioUnit administrator by Email (s.fibbs@oist.jp).