



学术报告

A Conceptual Framework for Novelty and Innovation

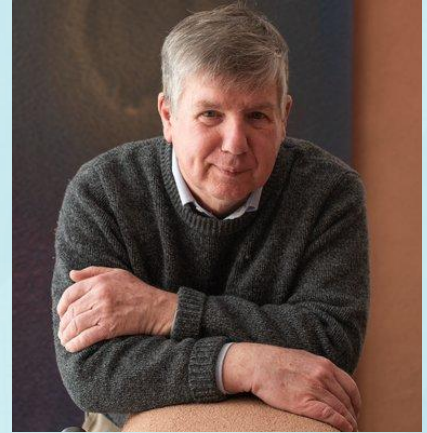
报告人: Douglas H. Erwin

单位: Santa Fe Institute, USA

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地点: 前楼西会议室(报告)、小会议室(圆桌会)

主办: 青促会、全国重点实验室、科技处、人教处



报告人及报告简介:

Prof. Douglas H. Erwin is currently the Section Editor of earth, environmental, ecological, and space sciences at the journal *Science Advances*. He has been an external faculty member of the Santa Fe Institute since 2016, and he long served as a senior scientist and curator at the National Museum of Natural History, Smithsonian Institution during 1990-2024. His research has greatly improved our understanding of macroevolution in deep time by integrating paleobiological, developmental, and ecological perspectives. His most well-known contributions cover the topics from biological radiations and extinctions, philosophy in evolutionary biology, evolution of regulatory genome and animal body plans, morphological disparity, to complexity of ancient ecosystems. Prof. Erwin has published over 300 academic articles in journals including *Science*, *Nature*, and *PNAS*, with 28,666 citations and a h-index of 78 in Google Scholar. He has also published several highly influential books on the Cambrian explosion and the end-Permian mass extinction. In this invited talk, he will introduce the conceptual framework of his latest book *Origins of the New: Novelty and Innovation in Life, Culture and Technology* published by Princeton University Press in February 2026. In the roundtable discussion after the talk, he would like to share his insights into publication in a high-profile journal.

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