Amsterdam Center for Origins of Life

Lecture Series

An accessible overview of hot topics in the origin of life

Life as a Guide to its own Origin



Prof. Nick Lane

Director, UCL Centre for Life's Origins and Evolution (CLOE)

University College London

Nick Lane will show that life can be a surprisingly good guide to its own origin in terms of energy flow, metabolism, and the genetic code. Deep-sea hydrothermal systems combine structure and flow to drive CO_2 fixation into a proto-metabolism resembling modern metabolism, which in turn gives rise to the first genes. He will present data from his own lab showing that each of these stages is feasible, right through to the emergence of genetic information in autotrophic protocells.



Date: September 23
15:30-16:30 & drinks afterwards
Place: Amsterdam Science Park L1.02

AMCOOL is a network of Amsterdam-based researchers with a shared interest in Origins-of-life studies

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