

ANNOUNCEMENT

College Park Colloquia on Chemical Evolution
Colloquium IV Limits of Life
Wednesday October 18 - Friday October 20, 1978
First Announcement

In the interest of fostering the impact of chemical evolution on contemporary scientific thought, the Laboratory of Chemical Evolution of the University of Maryland at College Park is organizing a series of colloquia which will bring scientists of different disciplines together for formal and informal discussions of pertinent topics. Of paramount importance for the understanding of the origin and evolution of life is the study of the physical parameters which determine the conditions for the emergence and continuation of life. With this objective in mind, the fourth of our series will be devoted to the subject of 'Limits of Life.'

Colloquium Topics

Paleotemperatures

The Archaen Environment

Limits of Temperature and Pressure

Water Requirements

Oxygen Toxicity

pH and Salinity Extremes

Molecular Mechanisms under Extreme Conditions

Implications for Extraterrestrial Life

Presentations will be of two types: invited lectures approximately 30 minutes in length and contributed papers 10 minutes in length. Arrangements are being made with Academic Press to publish the proceedings.

The meeting and housing accommodations will be at the Center of Adult Education on the campus.

The colloquium will commence on Wednesday evening with a reception hosted by the Laboratory of Chemical Evolution. A banquet will be held on Thursday evening. The sessions will terminate at 5:00 p.m. on Friday. Friday evening will be reserved for a performance at the Kennedy Center.

Organizers: Dr. Cyril Ponnampereuma, University of Maryland
Dr. Lynn Margulis, Boston University

Attendance at this meeting will be limited to approximately 100.