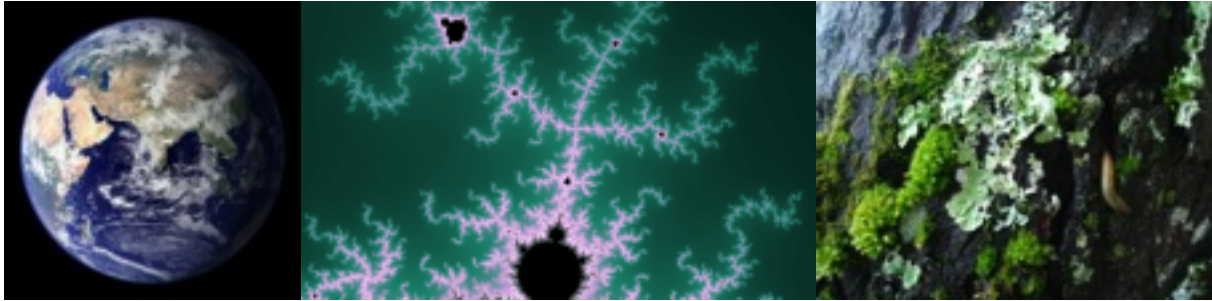


Nature, Earth & Life

A Lecture Series by Alder Stone Fuller (PhD)

Tuesdays, 10.21 - 11.25 at Lincoln Street Center, 24 Lincoln St, Rockland ME



This lecture series offers an introduction to the complexity - or system - sciences, a set of easy-to-understand principles that can lead anyone - with any background, including no science - to an understanding of virtually everything in the universe ranging in scale from quantum to cosmos. Complexity is a revolution and renaissance in science on par with quantum physics, yet far more applicable to everyday life and far more comprehensible. These ideas are crucially important for our future.

The first lecture is an overview of the entire series, which tells a story of Earth and life, and is, therefore, best engaged as a whole.

- ✿ **10.21.14:** How the Universe Works:
An Introductory Overview of the Complexity Sciences
- ✿ **10.28.14:** Abrupt Climate Change, What To Do About It,
and Why the Media is Not Telling the Whole Story
- ✿ **11.04.14:** Networks, Tipping Points, Fractals
& the Edges of Chaos: The Mathematics of Nature
- ✿ **11.11.14:** Self-Organization & Emergence:
Why the Universe Is Complex, Lumpy & Somewhat Orderly
- ✿ **11.18.14:** Cells, Symbiosis & Organisms:
A Systems View of Life & Evolution
- ✿ **11.25.14:** Geophysiology & Earth System Sciences:
Studies of Earth as a Self-Regulating System

All begin at 6 pm. The first two are two-hours long; others are 1.5 hours.
\$10 each at the door; \$5 for students and seniors. Full series prepaid: \$50.