



Prandtl Colloquium

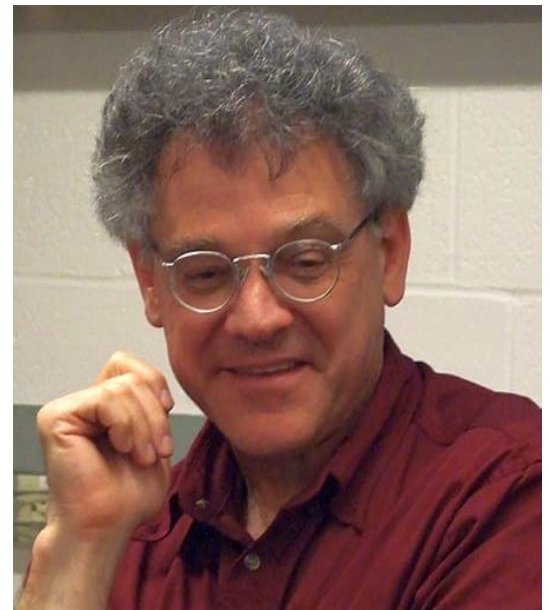
Public Lecture

Upending Assumptions About Life on Earth

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Discoveries of prevalent microbiota in deep rock have upended assumptions about life on Earth. This Deep Life lives on residual chemical and radioactive energy sources and is a significant fraction of Earth's biomass. This raises profound questions about how and where life evolved, how Deep Life differs from surface life, the minimum requirements to sustain cells, the maximum temperatures and pressures under which organisms can remain viable, and effects of deep environmental conditions on the properties of biomacromolecules. The lecture serves as a historical overview for nonexperts as to why it is important to study the effects of high pressure on biomacromolecules.

Wednesday, February 8th, 2023 at 14:15

Prandtl Lecture Hall, Am Fassberg 11 & Zoom:

Meeting ID: 916 4564 5426 / Passcode: 360693

