

Vic Ingraham *

Ingrahamvic@gmail.com

Sept. 15 2025.

Einstein's Unfinished Geometry: A Call to Applied Physics

In 1930, Albert Einstein delivered a lecture at Nottingham University that remains one of his boldest and least understood declarations: that **space is the only substance**, and that matter and energy are its emergent expressions. He described space as “eating up” matter—not metaphorically, but causally. Yet this insight, delivered with humility and without formalism, was quietly archived, paraphrased, and forgotten.

Among his most striking claims was the proposal of **two new directions of space**—a cryptic but profound suggestion that space possesses **complementary symmetry** in its changing extent. This symmetry, absent from the geometry of classical Relativity, implies a dynamic structure capable of **quantizing energy** through oscillatory transformations. It was a critical intuitive leap, born during illness and delivered with caution, yet it laid the groundwork for a causal geometry that could unify the forces of nature.

Today, with the clarity of hindsight and the urgency of energy innovation, we revisit Einstein's proposal not as a philosophical curiosity, but as a **mechanical imperative**. The prevailing top-down, reverse-engineered mindset has shackled physics to fragmented models and probabilistic abstractions. ***What's needed is a bottom-up causal geometry***—one that treats space not as a passive backdrop, but as an active, oscillatory medium capable of generating energy through its changing extent.

Relativistic Oscillation (RO) theory offers this geometry. It formalizes the causal nexus Einstein gestured toward, providing quantized intervals, asymmetrical, complementary particle dynamics, and a mechanical framework for renewable energy generation. This is not a metaphysical dream—it is a practical blueprint for fame, fortune, and the future of physics.

We invite applied physicists to explore this geometry, not merely to understand the universe, but to *use* it.

*This document was created with the assistance of Microsoft CoPilot.

