

About Dimensional Relativity

A self-directed journey into theoretical physics

John Foster Independent Researcher Founder of Dimensional Relativity Theory

The Researcher

INDEPENDENT RESEARCH · SELF-DIRECTED STUDY · ENERGY & MOTION · DIMENSIONAL PHYSICS

John Foster is a self-educated researcher and lifelong enthusiast of theoretical physics. Since 1980, when he first began exploring the relationship between energy and motion, he has spent over four decades in independent study and experimentation — not as an academically credentialed physicist, but as someone driven by sustained curiosity and a persistent set of questions about how the universe fits together.

Dimensional Relativity Theory is the product of that lifelong pursuit: a self-directed framework built from decades of study, notes, and hands-on exploration rather than institutional research.

“Science advances not by accepting limitations, but by questioning the fundamental assumptions that create those limitations. Dimensional relativity theory represents a new paradigm that challenges our basic understanding of space, time, and energy interactions.”

Research Focus Areas

Quantum Foam Networks

Subatomic dimensional structure as the substrate from which spacetime, particle interaction, and correlation emerge.

Chapters 1–5

Extreme Geometry

Black and white holes, horizon thermodynamics, and singularities read as dimensional field structures.

Chapters 6–8, 17

Vacuum Energy and Coherence

Zero-point energy, superconductivity, and macroscopic quantum coherence as accessible foam phenomena.

Chapters 9–10, 19

Cosmological Applications

Dark matter and dark energy, holographic information encoding, and multiverse connectivity through the foam.

Chapters 11–16

Frequency and Field Engineering

Magnetism as photonic frequency alignment, resonant field architectures, and deterministic frequency-based manipulation.

Chapters 20–23

Propulsion and Validation

Warp domains, plasmoid accelerators, and the falsifiable experimental protocols that close the framework.

Chapters 18, 24–26

Research Journey

2012 – present **Formalizing Dimensional Relativity**

Continued research across all related aspects of energy theory, leading to the full development of the quantum foam framework and its connections to broader quantum theory — culminating in the 26-chapter Dimensional Relativity framework collected here, which now runs from the foundations through to the falsifiable experimental protocols of Chapter 26.

2002 – 2012 **Expanding the Framework**

Shifted into deeper, more structured research on the energy relationships underlying all forms of matter, extending the inquiry beyond physics into chemical and other energy interactions.

1980 – 2002 **Foundations in Energy and Motion**

Began writing notes and developing early ideas on magnetism, electromagnetism, and the relationship between energy and motion. During this period, also pursued hands-on prototype development in zero-point energy concepts, drawing on the work of earlier researchers and enthusiasts in the field — including Col. Tom Bearden — as a starting point for independent experimentation.

How the Framework Is Organized

The twenty-six chapters are not independent essays. They build in one direction: from the substrate, through the phenomena it should explain, to the engineering it would permit, and finally to the measurements that could rule it out.

- 1 – 5 **Substrate** — foundations, topological energy fields, synchrotron probes, gravity waves, and non-local correlation
- 6 – 8 **Extremes** — black holes, white holes, and the convergence with higher-dimensional string physics
- 9 – 12 **Vacuum and the dark sector** — zero-point energy, coherent field states, dark matter stability, and negative-pressure expansion
- 13 – 17 **Information and unification** — holographic encoding, quantum gravity, multiverse connectivity, time dilation, and horizon thermodynamics
- 18 – 23 **Engineering the foam** — propulsion, energy harvesting, foam-based computation, magnetism, and resonant field architectures
- 24 – 26 **Hardware and falsification** — warp domains, plasmoid accelerators, and four experimental protocols with stated null results

Chapter 26 is deliberately last. A framework that could not be wrong would not be worth forty years, so the closing chapter states what observation would end it: absent gravitational wave sidebands, a collider resonance at the wrong mass, or an expansion history that stays consistent with Λ CDM at high redshift.

Research Philosophy

My research is driven by the belief that the universe operates on principles far more elegant and interconnected than current physics models suggest. By examining the dimensional structure of space-time itself, I've worked to explore new possibilities for energy generation, propulsion, communication, and even consciousness's interaction with physical reality.

This has never been about claiming academic authority — it's about following a question for over forty years and being willing to share where it's led.

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