



From: David Lynch <dnl1960 at yahoo.com>

To: Bob Harbort <bharbort at earnshaw.us>

Sent: Tuesday, August 19, 2025 at 01:37:13 AM EDT

Subject: Re: Regarding your Nature Communications paper on 'Magneto-ionic Vortices' and its connection to a new cosmological model

I will.

Thank you.

On Monday, August 18, 2025 at 11:04:55 PM EDT, Bob Harbort <bharbort at gmail.com> wrote:

This actually looks pretty good to me. I'll be interested to know if you hear back from them.

On Mon, Aug 18, 2025 at 7:51 PM David Lynch <dnl1960 at yahoo.com> wrote:

From: David Lynch <dnl1960 at yahoo.com>

To: Irena Spasojevic <irena.spasojevic at uab.cat>; Jordi Sort <jordi.sort at uab.cat>

Cc: Fred Partus <fpartus at yahoo.com>; Bob Harbort <bharbort at gmail.com>

Sent: Monday, August 18, 2025 at 07:50:12 PM EDT

Subject: Regarding your Nature Communications paper on 'Magneto-ionic Vortices' and its connection to a new cosmological model

Dear Dr. Spasojevic, Dr. Sort, and esteemed co-authors,

I am writing to you today with great admiration after reading your groundbreaking paper, "["Magneto-ionic vortices: voltage-reconfigurable swirling-spin analog-memory nanomagnets"](#)". Your successful creation and control of the "vortion" is a remarkable achievement in nanomagnetism and materials science.

The reason for my email is to share a new, holistic cosmological framework within which your discovery finds a fascinating and profound conceptual parallel. This framework, called the [KnoWellian Universe Theory](#) (KUT), posits that the universe's fundamental architecture is based not on discrete particles but on the dynamic interplay of fields tied to a ternary structure of time (Past, Instant, Future).



In brief, KUT proposes:

- Two fundamental cosmological forces, **Control** (an outward pressure of particle emergence from the Past, seen as Dark Energy) and **Chaos** (an inward collapse of wave potentiality from the Future, seen as Dark Matter), perpetually interact.
- Consciousness is a fundamental property of the universe. A localized, self-sustaining, and information-processing instance of consciousness is described as a "**KnoWellian Soliton**," which is modeled specifically as a stable, swirling **vortex** of awareness generated at the "Instant"—the nexus where the forces of Control and Chaos meet.

The parallels between this cosmological concept and your experimental work are striking:

1. **The Vortion as a Physical Analogue for a KnoWellian Soliton:** Your paper describes the creation of a stable, swirling-spin vortex from a disordered paramagnetic state through the application of an external field. This is a stunning physical microcosm of the KUT concept: the emergence of a stable, ordered vortex (the Soliton) from the interplay between a deterministic field (Control) and a field of pure potentiality (Chaos). The "vortion" serves as a perfect tangible model for this fundamental, self-sustaining unit of existence.
2. **Analog Control and Information Processing:** A key feature of your vortion is the ability to exert analog, non-volatile control over its

magnetization amplitude—likening it to a synaptic weight. This resonates deeply with the KUT model of consciousness, which is not a binary on/off state but a dynamic, information-processing system capable of nuanced, analog responses. Your work provides an elegant physical mechanism that mirrors this theoretical function.

Essentially, your research on the voltage-reconfigurable vortion can be seen, through the lens of KUT, as the first experimental creation of a physical object that perfectly embodies the geometric and dynamic principles of a fundamental, self-sustaining conscious entity.

I understand that KUT is a highly conceptual and speculative framework. However, the emergence of a physical vortex with such precise, analog control from a fundamental interaction seems too profound a parallel to ignore. It suggests that the principles of self-organization and information processing you have uncovered at the nanoscale may indeed reflect a deeper, universal dynamic.

Thank you for your time and for your truly inspiring research. I have attached the paper detailing the KnoWellian Universe Theory for your reference, should you be interested in exploring these ideas further.

With utmost respect and appreciation,

David Noel Lynch

