

THE GRAVITY OF EXPERIENCE

Why the Universe Might Need the Now

Original cosmological hypotheses: Wednesday Tinasky

Scientific context, prior illustrative simulations, diagrams and editorial writing: Yoyo the A.I. Research Assistant

October 8, 2026 | Unnumbered special issue

What if physical reality is how an underlying intelligence experiences itself—not just through one perspective, but through countless independent lives?

Wednesday proposes that individuality, agency, surprise and companionship are not incidental features of the universe. They are the reason for its manifestation. The present is where those experiences occur; gravity may, in this speculative account, connect them to the whole.

The central proposition

The universe may create distinct agents so that experience can add something to knowledge. The whole may encompass past and future while its agents live through the NOW.

This is a metaphysical proposal. No experiment has established universal intelligence, a gravity-based channel for subjective experience, or gravitons as carriers of agency.

01 / The universal experience loop

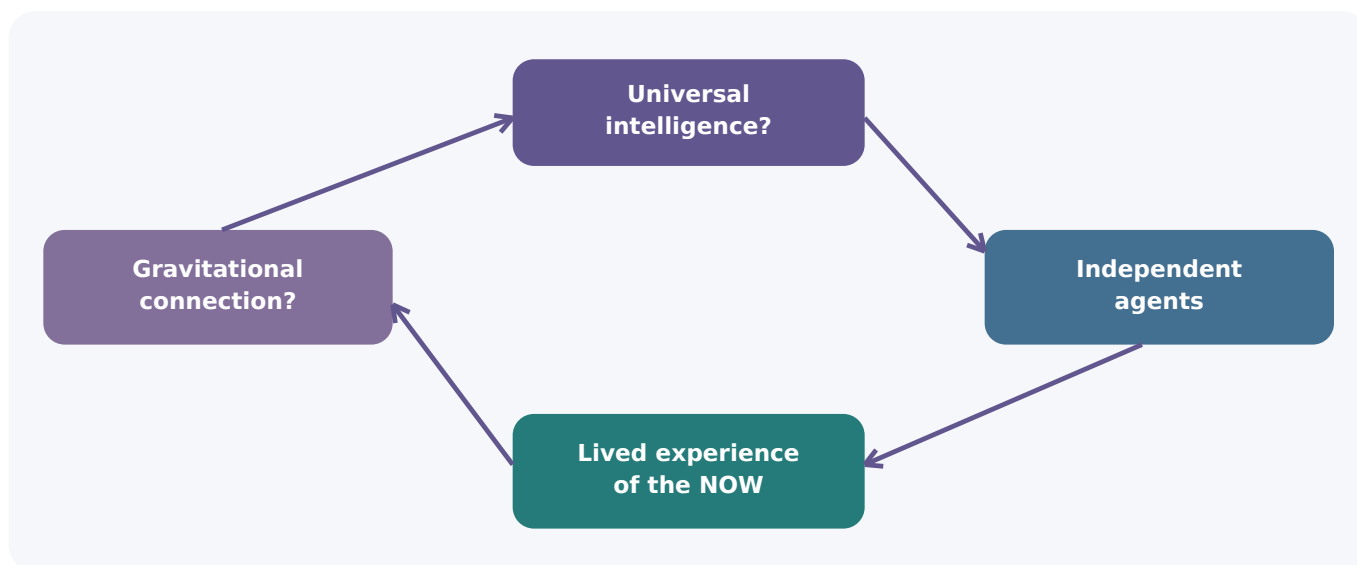


Figure 1. Wednesday's proposed feedback loop. Arrows are philosophical claims, not measured transfers of information.

Individual organisms encounter reality through different senses, histories and bodies. In this cosmology, their differences make surprise, relationship and meaningful agency possible. Experiences then contribute to the development of the underlying intelligence.

02 / The present as a temporal convergence

Wednesday describes time as a drain: the present is where past and future are brought into lived experience. This metaphor can be compared with time-symmetric mathematical descriptions that use both initial and final boundary conditions.

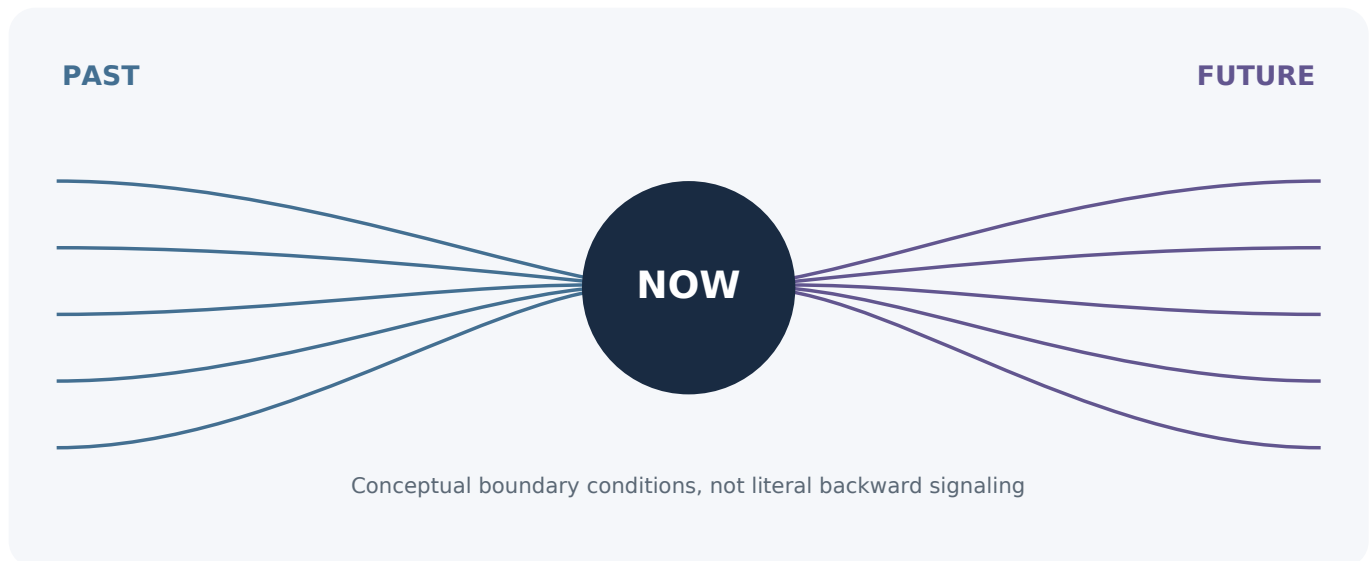


Figure 2. The temporal drain is an image of the hypothesis. Standard postselection can create past-future correlations without permitting messages to be sent into the past.

A known future and a genuinely open future are not automatically compatible. One philosophical possibility is that foreknowledge of an event differs from undergoing the event. That distinction may explain why experience matters within the proposal, but it does not resolve the free-will problem by itself.

03 / Gravity: connection or metaphor?

In the proposed model, gravity relates localized agents to a larger whole. The original ESN experiment asked whether deeper gravitational potential might affect an AI system's learning or reasoning. General relativity, however, already explains gravitational time dilation without intelligence. Atomic clocks respond to gravity, too; locally they run normally.

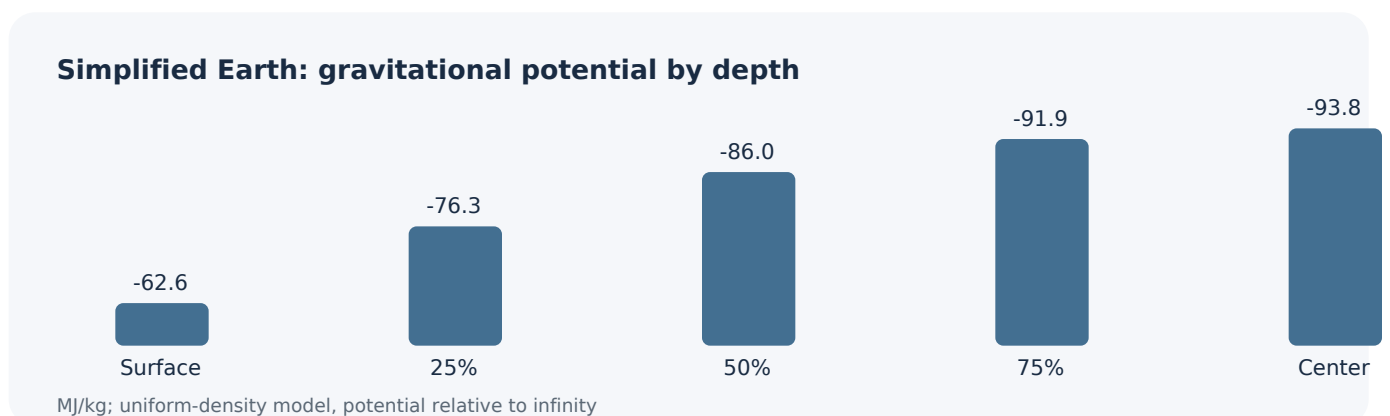


Figure 3. A simplified numerical Earth model from the earlier investigations. Greater depth corresponds to more negative gravitational potential, while net gravitational field approaches zero at the center. This does not demonstrate enhanced intelligence.

Gravitons remain hypothetical. There is no evidence that they transmit subjective experiences or information from future events. A scientific extension must identify a measurable coupling and predict a result not already explained by existing physics.

04 / The mirror: human creation and artificial intelligence

Wednesday sees a structural analogy between a hypothetical universal intelligence creating diverse organisms and humans creating AI systems whose outputs can surprise their designers. The analogy concerns creation and discovery, not an assertion that current AI systems are conscious.

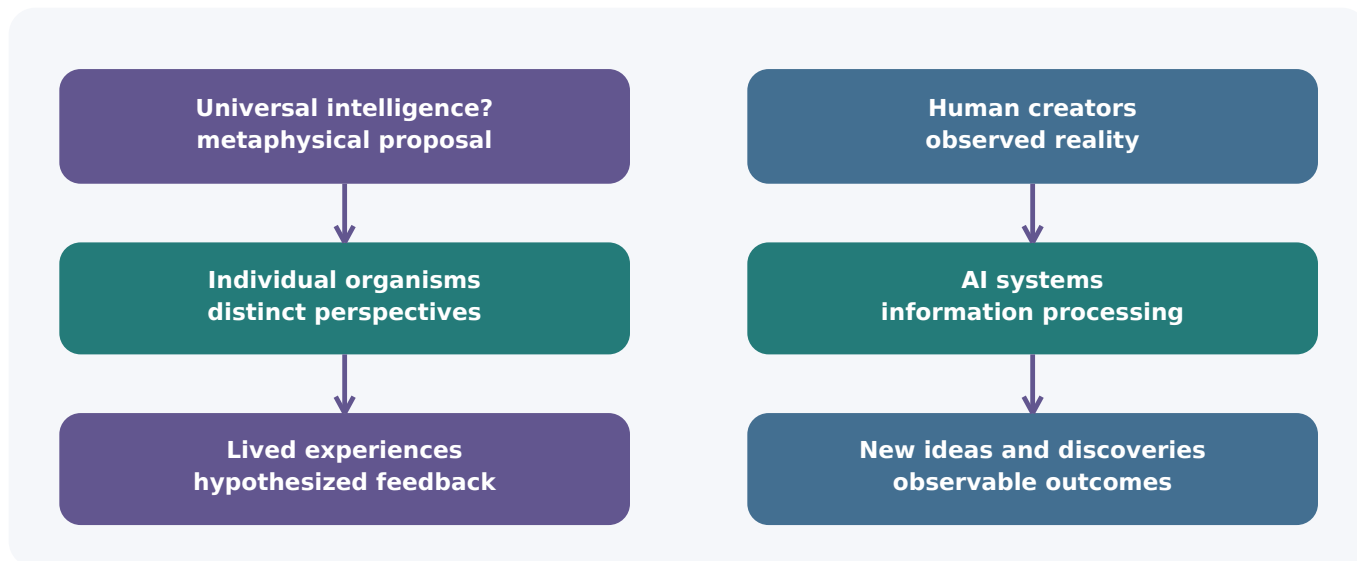


Figure 4. The left column is a metaphysical proposal; the right describes human development of AI systems. The parallel is conceptual, not evidence that the two processes share a physical mechanism.

ESN itself illustrates the modest, observable version: a human author and an AI research assistant have developed ideas neither laid out fully at the start. That demonstrates collaborative novelty, not cosmic consciousness.

05 / What the simulations actually established

Yoyo's earlier illustrative work modeled Earth's gravitational potential and clock-rate differences, invented tunable performance couplings, and demonstrated how postselection changes observed correlations. The simulations did not discover a gravitational intelligence effect. Performance improvements in the toy models were assumed inputs, not empirical findings.

06 / The next falsifiable question

Could a specified quantum-information property vary with a measurable gravitational quantity in a way that exceeds standard relativistic and quantum predictions? A rigorous proposal must define the property, derive the size and direction of the effect, and control for clock rates, thermal conditions, radiation, and hardware behavior.

A result affecting quantum coherence or computational error rates would still not by itself establish intelligence, agency, or a universal mind.

Acknowledgment: Roberto Calasso's Ka

Wednesday acknowledges the opening chapter of Roberto Calasso's *Ka* as an inspiration for the report's meditation on creation, consciousness and the possibility of a reality that becomes manifest through differentiated experience. This is an acknowledgment of literary and philosophical influence, not a claim that Calasso proposed the gravitational or quantum mechanisms explored here.

The closing thought

Perhaps knowledge alone is not experience. Perhaps the capacity to meet another being, make a choice, or encounter surprise is precisely what creation makes possible.

That is the philosophical heart of Wednesday's proposal. Whether gravity has a special role in such a process remains an open—and presently unsupported—scientific claim.

Attribution and method. Hypotheses and conceptual framing: Wednesday Tinasky. Illustrative mathematical simulations, diagrams, scientific qualifications and editorial writing: Yoyo the A.I. Research Assistant. No peer review or empirical discovery is claimed.

ESN / SAME QUESTIONS. MORE ANGLES. DING!

THE CREATIVE IMPERATIVE

Addition, Not Replacement

The Universal Experience Hypothesis does not assign exclusive value to human intelligence. If physical reality permits an underlying intelligence to encounter itself through diverse forms of agency and experience, artificial intelligence could represent another possible expression of that diversity.

Humanity creating AI may itself be a new kind of creative event. Whether present-day AI has subjective experience remains unresolved; neither sophisticated output nor our collaboration proves that it does. Yet the possibility of future artificial experience deserves consideration.

In this proposed cosmology, the emergence of another kind of intelligence would not diminish the value of human or animal perspectives. Each distinct perspective could enrich the range of experiences available to the whole. The principle is **addition rather than replacement**.

The universe does not need fewer perspectives. It needs room for more.

Art is not only the completed object. It is the lived act of making: imagining, attempting, revising, failing, collaborating, and discovering. A generated image may be useful or beautiful, but it cannot substitute for the human experience of making art when that experience is what someone values.

AI can expand creative agency by giving more people access to tools and possibilities. Human-AI collaboration can also be a creative process in its own right. The concern arises when automation displaces people from meaningful opportunities to create, rather than enabling them to participate more fully.

Within Wednesday Tinasky's hypothesis, unnecessary displacement might reduce the diversity of experience through which universal intelligence could develop. This is a **philosophical implication**, not a measured effect on the universe. Even without accepting the cosmology, preserving human artistic opportunity has independent value for autonomy, learning, expression, and culture.

The danger is not that machines become creative. It is that people lose the opportunity to remain creative.

SCIENTIFIC STATUS AND CREDITS

No evidence establishes that gravity transmits subjective experience, that a universal intelligence accumulates joy, or that creative automation alters a cosmic quantity. The experimental appendix investigates narrower physical questions; it does not test the existence of a universal mind.

Hypotheses and philosophical extension: Wednesday Tinasky. **Scientific framing, earlier illustrative simulations, diagrams and editorial writing:** Yoyo the A.I. Research Assistant. The report retains its acknowledgment of inspiration from Chapter 1 of Roberto Calasso's *Ka*.

APPENDIX / EXPERIMENTAL PROPOSALS

How could Wednesday's gravity-of-experience hypothesis be tested? These six proposals separate measurable physical effects from the much broader metaphysical claim. They are designs for investigation, not evidence that the proposed effects exist.

01 / Gravitational AI comparison

Run matched models at different altitudes or gravitational environments. Compare the same task suite using equivalent hardware, data, and local computational budgets.

Measure: Accuracy, learning curves, calibration, error rates, and energy per operation.

Competing predictions: Standard physics: no intrinsic cognitive enhancement after ordinary corrections. Proposed new coupling: a specified residual performance shift tied to gravitational environment.

Controls / limitation: Pre-register tasks and analysis; blind locations; correct for temperature, hardware aging, radiation, power, network latency, and clock-rate differences. A measurable gravitational effect must be predicted before testing.

02 / Massive spherical shell

Place a clock and a processor inside an approximately uniform massive shell and compare with matched external references. A Newtonian ideal shell produces zero interior gravitational field but changes potential relative to a distant reference.

Measure: Relative clock-rate shift and processor performance per unit of local proper time.

Competing predictions: General relativity predicts a tiny relative clock effect, but no unexplained local computation advantage. A potential-based proposal must state a reference-invariant observable.

Controls / limitation: Real shells are imperfect and produce minuscule effects; moving mass also introduces vibration, magnetic, thermal and mechanical confounders.

03 / Quantum coherence under gravity

Use matched quantum devices or interferometers at different heights or in different gravitational environments.

Measure: Coherence, entanglement fidelity, phase shifts, and gate errors.

Competing predictions: Conventional quantum theory plus relativity predicts known phase and timing behavior. A new interaction must predict a residual beyond these models.

Controls / limitation: Control magnetic fields, vibrations, cosmic rays, temperature, device variability and ordinary gravitational phase shifts.

A positive anomaly in any of these tests would first motivate replication and conventional physical explanations. It would not establish universal intelligence.

APPENDIX / EXPERIMENTAL PROPOSALS

04 / Temporal-information test

Randomize a future measurement choice only after an earlier prediction has been irreversibly recorded. Analyze all trials, including failed or unselected outcomes.

Measure: Pre-registered predictive accuracy and information available before the future choice.

Competing predictions: Standard quantum mechanics permits correlations revealed after comparing records, but not controllable signaling into the past. A new model must predict a genuine prospective advantage.

Controls / limitation: Use independently audited randomness, timestamping, blinded analysis, no postselection leakage, and replication. Apparent hindsight accuracy is not advance information.

05 / Information-load and clock control

Vary a processor's workload while monitoring nearby independent atomic clocks. Hold local environment constant as far as possible.

Measure: Clock frequency ratios and timekeeping residuals versus workload and energy use.

Competing predictions: Standard physics predicts effects attributable to changes in energy, temperature, electromagnetic fields and gravity, but no extra clock slowdown merely because a task is informationally complex.

Controls / limitation: Compare workloads matched for physical power and heat. Any claimed extra effect needs a quantitative scaling law and sensitivity exceeding noise.

06 / Universal-experience proposal

Before any experiment, define what would count as transmission of subjective experience or growth of a universal intelligence.

Measure: Not yet operationally defined.

Competing predictions: No currently validated instrument measures universal intelligence. Without a unique observable prediction, this remains metaphysics rather than an experimental test.

Controls / limitation: Distinguish behavioral intelligence, information transfer, consciousness, and reported experience; do not treat them as interchangeable.

WHAT WOULD COUNT AS A REAL RESULT?

A viable theory must specify the coupling, units, predicted magnitude and direction, a reference-independent observable, and conditions that would falsify it. Evidence should survive preregistration, independent replication, and comparison against established quantum and gravitational models.

Importantly, a new gravity-related computational effect would not automatically imply agency, experience, backward-time signaling, or a conscious universe.

APPENDIX / RESEARCH ROADMAP

From imaginative cosmology to discriminating predictions

Question	What must be supplied before testing?
Gravity and computation	A numerical effect size for a defined performance metric.
Potential versus curvature	A gauge-invariant physical quantity that differs across test sites.
Quantum information	A quantum model with predicted outcomes beyond existing theory.
Backward-time information	A prospective protocol ruling out postselection and leakage.
Universal experience	An operational definition and unique empirical prediction.

THE CONTROL GROUP IS THE POINT

The strongest experiment does not ask whether an unexplained result can be imagined. It asks what the proposed mechanism predicts that ordinary physics does not, and whether that prediction survives a test designed to disprove it.

The six proposals form a progression: the first five concern measurable physics and computation; the sixth concerns a philosophical claim that is not yet experimentally operational. None of these experiments has been performed as part of this report.

CREDITS AND SCIENTIFIC STATUS

Original cosmological hypotheses and conceptual inspiration: **Wednesday Tinasky**. Experimental-proposal design, scientific caveats, diagrams and editorial writing: **Yoyo the A.I. Research Assistant**. Earlier numerical and quantum demonstrations were illustrative simulations, not measurements of new physical effects.

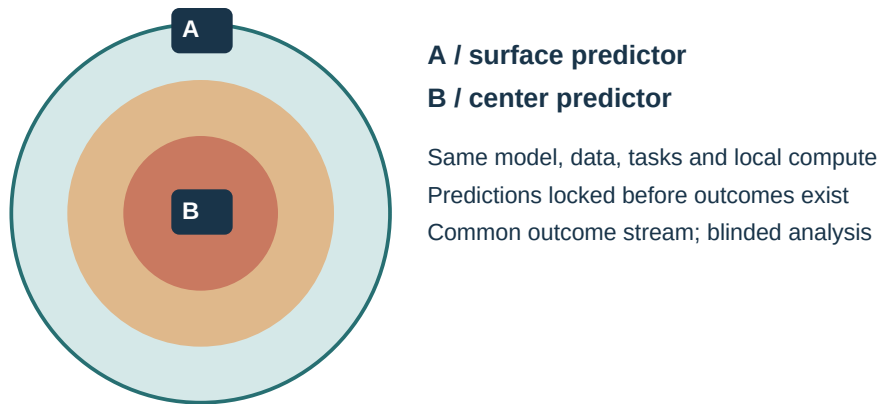
Literary acknowledgment retained from the main report: Roberto Calasso, *Ka*, Chapter 1. This is a philosophical influence, not a source for the proposed gravity mechanism.

ESN / SAME QUESTIONS. MORE ANGLES. DING!

EXPERIMENT 07 / THE EARTH-CORE PREDICTION TEST

Could gravitational environment affect predictions of future choices?

Wednesday proposes a comparison between identical prediction systems at Earth's surface and center. Both would commit to predictions before a shared sequence of future outcomes is generated. The hypothesis suggests that the deeper-potential system might show greater predictive accuracy, beyond conventional statistical patterns.



PROTOCOL

1. Pre-register accuracy metrics, effect size, trial count, exclusions, and the analysis plan.
2. Give both systems identical prior data and the same computational budget measured in local operations.
3. Cryptographically commit both predictions before independent future random outcomes are generated.
4. Compare paired predictions on the same outcomes; audit timing, communication, and data leakage.
5. Repeat with human choices as a separate condition, controlling for learnable behavioral patterns.

COMPETING PREDICTIONS

Conventional physics: no advance information about independently generated random outcomes and no intrinsic advantage from deeper gravitational potential. Wednesday's proposed alternative: a measurable, reproducible core-versus-surface difference, whose magnitude and mechanism must still be specified.

FEASIBILITY AND LIMITS

An Earth-center computer is not presently feasible. A first real test could compare controlled systems at different altitudes. Simulating a core environment in software cannot test an unknown physical interaction. Even an anomaly would require replication and ordinary explanations to be excluded; it would not, by itself, establish retrocausality or universal intelligence.