

Below is a clean, formal, one-page statement suitable for your website, prospectus, or institutional charter. It is written to stand on its own, without polemic, and to clearly distinguish the Institute without naming competitors as adversaries.

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## Why the TSM2 Institute Is Different

The TSM2 Institute for Cosmology was founded to address a structural gap in modern science—not to compete with existing universities, observatories, or research centres, but to perform a function none of them are designed to fulfil.

Most cosmological institutions produce research.

The TSM2 Institute audits research structure.

This distinction is fundamental.

## The Missing Layer in Cosmology

Modern cosmology operates through education, research production, and publication. However, it lacks an independent, systematic mechanism for pre-publication compliance review—a process that evaluates whether a claim is:

- Causally coherent
- Explicit in its assumptions
- Respectful of conservation laws
- Properly scaled
- Ontologically minimal
- Falsifiable in principle

Before belief, funding, or reputation enter the equation.

The TSM2 Institute exists to provide this missing layer.

## Claim-Centric, Not Credential-Centric

Traditional peer review is credential-mediated: outcomes depend heavily on institutional affiliation, reputation, and consensus alignment. The TSM2 Institute replaces this with a claim-centric model.

Submissions are evaluated on structure and logic alone, not on who submits them. A hypothesis from an independent researcher is treated identically to one from a senior academic. The Institute does not decide what is true—only whether a claim is structured well enough to be tested.

## **Rule-Based Compliance, Not Opinion-Based Review**

The Institute does not conduct peer review in the conventional sense. It applies a transparent, rule-based compliance framework built on explicit gates:

- Causal and cycle compatibility
- Scaling and magnitude realism
- Locality and coupling mechanisms
- Frame and observer dependence
- Evidence status
- Non-negotiable falsifiability
- Ontological discipline
- Redundancy and necessity

Each submission either passes or fails these gates, with reasons recorded.

This replaces subjective judgement with repeatable assessment.

## **Open Submission with Full Auditability**

Unlike most research institutions, the TSM2 Institute accepts open submissions. Every compliant submission is:

- Time-stamped
- Logged with a permanent identifier
- Audited through an external, immutable record
- Fully traceable from submission to outcome

This creates accountability not only for authors, but for the evaluation process itself.

## **Independence from Outcomes**

The Institute does not advocate theories, promote models, or enforce consensus. It does not rank ideas or declare winners. Its role ends where testing begins.

This neutrality is deliberate. It preserves trust, avoids ideological capture, and ensures that the Institute functions as infrastructure, not authority.

## **A Governance Function, Not a Research Body**

The TSM2 Institute is best understood as a standards and compliance institution for cosmological claims—analogous to an auditor, standards body, or regulatory framework in other fields.

It does not replace universities, observatories, journals, or funding agencies. It strengthens them by ensuring that only structurally sound claims proceed further.

## **Why This Matters Now**

As cosmology becomes increasingly complex—and as AI-generated hypotheses proliferate—the cost of poorly structured ideas grows rapidly. Time, funding, and intellectual effort are wasted not because ideas are wrong, but because they were never fit for testing.

The TSM2 Institute exists to prevent that failure upstream.

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The Institute does not decide what the universe is.

It ensures that claims about the universe are worth testing.

That is what makes it different.