

To the Reader: An Invitation from the Explorer

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What you are about to read is not a manifesto claiming to have discovered the ultimate truth. It is not the founding declaration of any school of thought, nor is it the final version of a closed system declared "complete."

It is merely an exploration. A voyage of thought that sets out from two simple observational facts and follows the necessity of logic, step by step, into the unknown depths. Its starting point is humble—we look up at the stars and ask only one question: why is the universe like this, rather than a chaos or a void? Its endpoint is equally humble—when we reach the natural boundary of cognition, we stop, and honestly confess: beyond this, we do not know.

We call it the Meta-State Cosmological Model.

It is currently in its embryonic stage. Like a Singularity that has just condensed its initial ordered structure, its logical core has taken shape, its physical mechanisms have been outlined, and it has already engaged in dialogue with the broader framework of known observations—but it still has a long road ahead before it becomes a mature, complete, unshakeable theoretical system.

It needs mathematics. We have left the concepts to language, and the equations to the future.

It needs computational power. The dynamical simulation of the Rule-Wall's expansion, the numerical calculation of the Void's carrying-capacity limits, the deduction of energy release during bubble collisions—all of this work requires the support of computing clusters. We make the framework public and leave the mobilization of computational resources to those institutions and individuals with the ambition to pursue this.

It needs observation. We have already listed a set of testable deductive hypotheses. But deploying the James Webb Space Telescope, China's FAST, LHAASO, IceCube, and other instruments is not something we can do ourselves. We need astronomers and astrophysics researchers to join the collaboration, to propose observation plans, to apply for observation time, and to engage in dialogue with that silent data in the sky.

It needs narrative. The cosmic epic has not yet been fully told. We look forward to science fiction writers and scientific visualization creators using their imagination to give these abstract concepts visible form, to put flesh and blood on the skeleton of logic, and to give the cosmic epic its readers.

It needs refinement. We have already conducted dozens of rounds of internal scrutiny, but we know that no thought can reach perfection under the scrutiny of a single perspective.

This is why we are releasing this version publicly.

This is not the release of a "finished product." This is the issuing of an "invitation."

We need theoretical physicists to help us scrutinize its physical mechanisms.

We need mathematicians to help us translate concepts into equations.

We need the support of computational resources and institutions to provide the computational infrastructure for numerical simulation and model deduction.

We need astronomical observers to help us design observation plans, apply for observation time, and compare deductive hypotheses one by one with the data from the stars.

We need science fiction writers and scientific visualization creators to give these abstract concepts visible form, and to give the cosmic epic its readers and viewers.

We need science communicators to tell this story to audiences from different backgrounds.

We need philosophers and logicians to examine whether our chain of reasoning truly has no breaks.

We need researchers of the history of science to help us see, with a historical perspective, where this exploration might stand in the history of thought.

This is not a completed temple, waiting for believers to come and worship. This is merely a foundation that has just been laid, waiting for all those willing to add their bricks and mortar.

The seed of this model began with one person's solitary contemplation. But whether it can grow into a towering tree depends on whether enough people are willing to water it together.

We wait for you, to join us as contributors to the construction of the Meta-State Cosmological Model, and to be recorded in history.

Supplementary Statement

The Meta-State Cosmological Model has completed intellectual property registration with multiple international research institutions. The purpose of this action is not to monopolize thought, but to prevent the model from being maliciously altered, distorted, or used for irrational purposes during its dissemination. We firmly believe that this model is a common intellectual asset of humanity. In the past, present, and future, the Meta-State Cosmological Model is not a tool for the author's personal profit. The Meta-State Cosmological Model grants free citation and use to all institutions and individuals.

Meta-State Cosmological Model Collaboration Team

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