

System Logic of Human Origins

A Biological-Informational Conceptual Model Based on Bortoluzzi and Andrews

Authors: Father Jack Geudens (inquiry, theology & editing)

Location: Smakt

Original publication: August 4, 2026 | **Revised final editing & manifesto:** August 8, 2026

Foundation: System-analytic expansion based on *The God Hypothesis Deepened!*
(*Godhypothese verdiept!*)

PART I: MANIFESTO & OPENING ARTICLE

Introduction and System-Analytic Framework

When analyzing the origin and status of humanity through the lenses of systems theory and information logic, a new perspective emerges regarding the synthesis between the philosophy of science presented by Prof. Dr. Edgar Andrews (*Who Made God?*) and the phylogenetic Revelation of Don Guido Bortoluzzi (*Sintesi della Genesi Biblica*).

Combining Andrews' information-theoretic approach to biological systems with Bortoluzzi's mechanistic explanation of Creation and the Fall yields a coherent, closed explanatory model. In this conceptual model, humanity is defined as a uniquely compiled information system. This system was originally designed with a perfect software architecture (the primordial DNA and the human spirit), but was later disrupted by uncontrolled code entanglement (biological hybridization).

This entanglement accounts both for our biological vulnerability (genetic noise, disease, degeneration) and for the intellectual-technological paradox of humanity (the coexistence of immense abstract thinking capacity alongside animalistic drives).

Epistemological Grounding

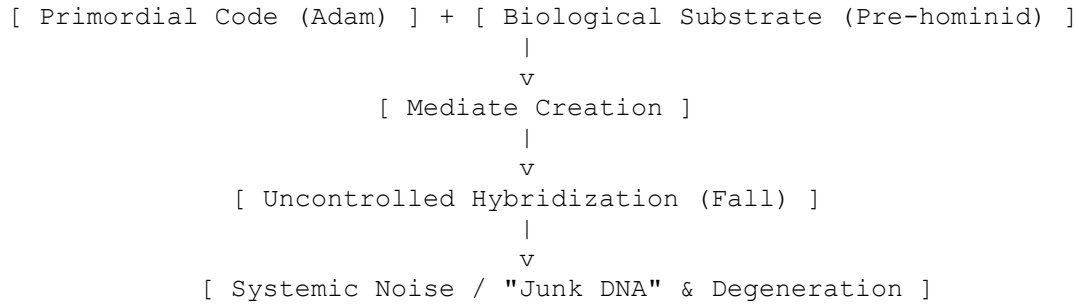
Scientism—the conviction that empirical natural science alone yields valid knowledge—encounters not only theological objections, but is bounded from within formal logic and the philosophy of science itself:

- **Kurt Gödel (Incompleteness Theorems):** Within every consistent formal system, there exist statements that are true but cannot be proven within the system itself. Applied to natural science, this means matter cannot explain its own origin and meaning from within itself; an empirical system is, by definition, incomplete without a transcendent Author.

- **Ludwig Wittgenstein (*Tractatus Logico-Philosophicus*):** *"The limits of my language mean the limits of my world."* Scientific language describes the state of affairs within the world, but falls short as soon as it addresses the foundation of existence, the origin of information, and the human spirit.

System Architecture of Origins: Three Core Pillars

Plaintext



1. The Primordial Code: Adam as Primordial System Architecture

- **The System Logic:** No complex information system arises through stochastic (blind) processes. As Andrews demonstrates, DNA is not a loose collection of chemicals, but a semantic code (language) that governs the assembly, maintenance, and reproduction of an organism. As geneticist Francis Collins also emphasizes, DNA is the "language of God"—a formulated code containing intrinsic meaning.
- **Application in Bortoluzzi:** Adam is the result of direct divine genesis at the cellular level. In information terms, the creation of the first human egg cell is the master compilation of the human genome. Adam received an uncorrupted, pure system code, including the immaterial spiritual license (the spirit).

2. Mediate Creation as Hardware Substrate

- **The System Logic:** Physically executing a new software design within an existing environment requires a compatible hardware carrier.
- **Application in Bortoluzzi:** God utilizes the existing biological substrate—the womb of a pre-hominid (pre-human primate)—as a physical surrogate mother. The pre-hominid provides the biological chassis (the hardware), but the genetic code of the implanted egg cell is entirely human and unique. This explains the ~96% morphological and molecular overlap with primates without implying macro-evolutionary descent.

3. The Fall as Uncontrolled Code Entanglement (Hybridization)

- **The System Logic:** Merging two fundamentally different codebases—a high-grade, compiled human source code and an animalistic, instinctive codebase—without system control leads to runtime errors, corruption, and unpredictable system behavior.
- **Application in Bortoluzzi:** The Fall was the physical-sexual intermingling between the pure Adamic line ("sons of God") and the non-spiritual pre-hominid stock ("daughters of men"). This introduced animalistic genes into the human genome, resulting in genetic noise, the buildup of unstable networks (so-called "junk DNA" as biological noise), physical degeneration, and an darkening of the human spirit.

Nuancing: Micro- vs. Macro-Evolution

Explicitly incorporating Andrews's reply to Fransen prevents this model from being dismissed as "anti-scientific":

- **Micro-evolution (Genetic variation):** Scientifically established and undisputed. It involves the adaptation and variation of existing genetic information within the boundaries of a species or created kind.
- **Macro-evolution (Stochastic common descent):** Unproven assumption that blind, random mutations and selection can generate entirely new semantic information and new biological body plans out of nothing.

Comparative Core Matrix

System Dimension	Scientific / Macro-Evolutionary Model	System Model: Bortoluzzi & Andrews
Origin of Code	Arisen through cumulative, random mutations and natural selection.	Directly compiled, semantic code (language) originating from an Intelligent Author.
Function of "Junk DNA"	Accumulated evolutionary garbage and useless remnants.	Essential regulatory networks polluted by biological noise and hybridization.
Human–Ape Overlap	Evidence of common descent from an ape-like ancestor.	Use of the same biological substrate (Mediate Creation) plus subsequent hybridization.
Age & Fossils	Gradual development over millions of years; pre-hominids are ancestors.	Adam created in the distant past (tens of millions of years ago); fossils represent pre-Adamic instruments or hybrid intermediate forms.
Human Paradox	Byproduct of biological drives combined with an enlarged brain.	Duality between a perfect spiritual architecture and introduced animalistic dominance.

Conclusion of the Manifesto

The integration of the apologetical frameworks of Gödel, Wittgenstein, and Andrews with the phylogenetic mechanics of Bortoluzzi provides a robust paradigm for the 21st century.

By approaching human origins through system logic, it becomes clear that humanity is not the accidental end product of blind mechanics, but an elevated, information-rich system that bears the traces of both its perfect Origin and its physical-genetic Limitation. It restores the intellectual and scientific foundation underpinning faith in the Creator and accounts for the complex biological and spiritual status of contemporary humanity.

PART II: COMPREHENSIVE REFERENCE WORK

Foreword & Methodological Justification

This document presents an innovative, biological-informational conceptual model concerning the origin of humanity, built at the intersection of theology, information theory, and natural science. Synthesizing the apologetical and information-theoretic insights of British physicist Edgar Andrews (*Who Made God?*) with the mechanistic revelations from the *Sintesi della Genesi Biblica* of Italian priest Don Guido Bortoluzzi produces a coherent alternative both to reductionist evolutionary thought and to traditional creationism.

In this model, man is defined as a highly optimized, divinely compiled information system. Via the theological principle of Mediate Creation (*Creatio Mediata*), God introduced a perfect human genome at the cellular level through a pre-hominid surrogate mother—without genetic transfer from the animal. The subsequent physical Fall is understood as a historical event of unauthorized hybridization, causing bio-informational entropy, genetic noise ("junk DNA"), and biological degeneration.

The result is a deductive framework that explains both our unique cognitive capacities and our biological vulnerability in a system-technical manner.

I. Conceptual Framework & Terminology

- **Axiom:** An unproven proposition accepted as a foundation and starting point within a system of thought.
- **Bio-informational entropy:** The process in which a biological information system (such as the genetic code of DNA) loses purity through noise, mutations, and unauthorized additions, resulting in physical and spiritual decay.
- **Creatio Mediata (Mediate Creation):** The theological doctrine holding that in creating, God makes use of a pre-existing material substrate or natural means into which He introduces a direct divine novelty.
- **Epigenetics:** The study of changes in gene expression (turning genes on or off) that occur without altering the underlying DNA sequence, often influenced by environmental and lifestyle factors.
- **Epistemology:** Theory of knowledge; the branch of philosophy examining the nature, origin, scope, and limits of human knowledge.
- **Hybridization:** The cross-breeding or sexual intermingling of two genetically or biologically distinct populations or species.
- **Imago Dei:** The theological concept that human beings are created "in the image and likeness of God," manifested in an immaterial soul, language, reason, and moral conscience.
- **Junk DNA (Non-coding DNA):** Portions of the human genome that do not directly code for proteins. Often viewed in classical evolutionary biology as evolutionary "garbage," but defined in this model as informational noise and the genetic imprint of the Fall.
- **Morphology:** The study of the form, structure, and structural features of organisms.
- **Nephilim:** The "giants" or "mighty men of old" mentioned in Genesis 6, understood within this model as the product of high-technological and genetic experimentation on hybrid populations.

- **Ontological break:** A fundamental, qualitative difference in the "being" or nature of an entity (such as the unbridgeable gulf between human and animal) that cannot be crossed by gradual evolution.
- **Pre-hominid:** A pre-human animal entity or primate species chronologically preceding the creation of man.
- **Scientism:** The philosophical conviction that empirical natural science alone is capable of providing valid knowledge about reality.

II. Introduction & Statement of the Problem

In contemporary discourse surrounding human origins, an unbridgeable gulf appears to exist between two extremes. On one side stands atheistic scientism, reducing humanity to a random byproduct of millions of years of blind mutations and natural selection. On the other side stands young-earth creationism, which, based on a literal textual interpretation, frequently clashes with geological and biological observations.

This document presents an integrated, biological-informational conceptual model that breaks this stalemate. Synthesizing the information-theoretic and apologetic insights of Edgar Andrews with the mechanistic and biological revelations of Don Guido Bortoluzzi establishes a coherent new framework.

In this model, humanity is defined as a uniquely compiled, highly optimized information system. Introduced into the Earth in perfection via Mediate Creation, this system was disrupted by a subsequent historical event—a physical and biological Fall—through uncontrolled code entanglement (hybridization). Under this deductive model, both our biological vulnerability (disease, degeneration, pain) and our intellectual-technological paradox (high cognitive capacity paired with moral and physical aberration) receive a rigorous causal explanation.

III. The Four System- and Law-Theoretical Principles

1. The Principle of Bio-Informational Entropy (Informational Degeneration)

- **The Law:** In a closed or biological system, adding an unencoded or differently encoded animal source to a perfect information system (the pure Adamic line) leads exclusively to information loss, noise, and systemic decay.
- **Application:** Decay in human creation is not, according to this principle, passive wear-and-tear over time or a neutral byproduct of evolution, but the active biological effect of illegitimate informational interference. DNA complexity bears witness to the original, divine design (Adam), while genetic instability, disease, and physical degeneration are directly accounted for by the unauthorized intermingling of two distinct biological lines.

2. The Law of Substrate-Independent Information Implantation

- **The Law:** A biological medium (the pre-human surrogate mother) can serve as a mechanical nutrient supply and carrier for an information system that is genetically and ontologically entirely foreign to that medium, without the medium transmitting its own genetic code to the created entity.

- **Application:** In Bortoluzzi's synthesis, Adam is the product of direct genesis at the cellular level: a human egg cell created directly by God and implanted in a pre-human/animal surrogate mother. Form and content are biologically uncoupled: the pre-hominid womb functioned merely as a material incubator for a purely divine design.

3. The Principle of Asymmetric Spiritual-Physical Inheritance

- **The Law:** In a cross between a human entity (possessing a soul, language, and abstract intellect) and a non-spiritual biological entity, the immaterial component (the soul/spirit) is not diluted; rather, the physical substrate becomes directly corrupted by animalistic drives and genetic noise.
- **Application:** Cain—born of the illicit union between Adam and the ape-like entity (Eve)—possessed a human soul and speech, yet carried his mother's animalistic morphology and drives. The human spirit remained qualitatively present, but the physical vessel became burdened with biological and emotional noise (disease, aggression, pain).

4. The Law of Technocratic Aberration through Accelerated Entropy

- **The Law:** High intellectual and technological capability combined with declining moral and spiritual purity leads inevitably to destructive genetic and technological experimentation, accelerating a total system collapse.
- **Application:** This accounts for the rise of highly technological pre-Flood civilizations (including the Anunnaki lines). Because the earliest generations possessed superior intellects, they developed advanced technologies. Their genetic experiments on hybrid populations led to the appearance of the Nephilim (giants), necessitating a universal reset via the Deluge.

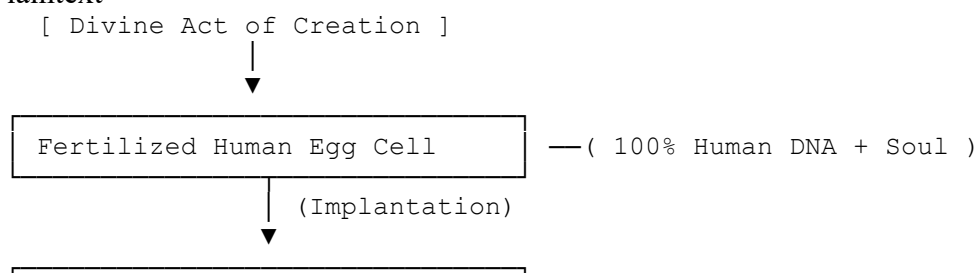
IV. Egg Implantation and the Pre-Hominid Surrogate Mother

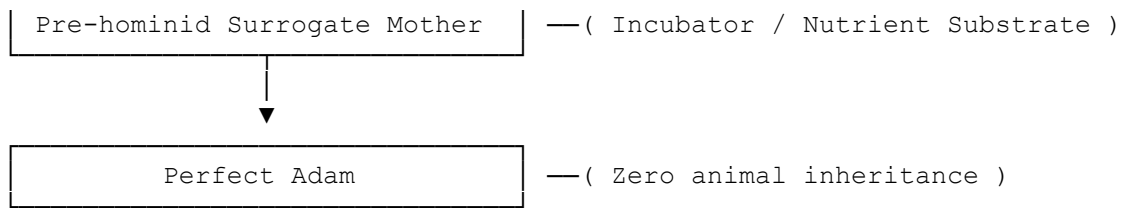
Traditional theology often portrays the creation of man as an abstract miracle (*creatio ex nihilo*) or as a purely allegorical account. The synthesis of Don Guido Bortoluzzi, reinforced by Edgar Andrews's information-theoretic insights, offers a concrete, mechanistic bridge between theological truth and biological reality.

Central to this model is Mediate Creation: the principle that God utilized a pre-existing biological substrate (a pre-hominid animal species) without that species contributing genetically to the essence of humanity.

A. Biological Argumentation: Genetic Uncoupling and Substrate Information

Plaintext





1. No Genetic Transfer via the Womb

In reproductive biology, the surrogate mother's womb supplies the protection, oxygen, and nutrients required for embryonic development. The genetic blueprint of the child (the DNA), however, is determined exclusively by the egg and sperm cell.

- **Application in the model:** God directly created a fully fertilized, genetically perfect human egg cell within the womb of a specifically prepared pre-hominid female.
- **The outcome:** The pre-human animal functioned purely as a biological incubator and nutrient source. Adam inherited 0% of the animal's DNA. Biologically, he was 100% human.

2. Accounting for "Junk DNA" and Primate Overlap

Scientists frequently point to the ~96–98% genetic similarity between humans and chimpanzees as evidence for evolution. Within this model, that data receives a fundamentally different, logical explanation:

- **Shared building materials:** God used the same molecular and biological substrate (proteins, blood structure, cellular mechanics) already present in nature to construct the human body. This explains why a pre-hominid womb could carry a human fetus to term without rejection.
- **Uncorrupted information:** The egg cell created by God contained a highly optimal genetic code, free from the mutations, degradation, and epigenetic noise ("junk DNA") that entered the human gene pool only after the physical Fall.

B. Theological Argumentation: Creatio Mediata within the Biological Order

1. The Principle of Mediate Creation (Creatio Mediata)

In classical Catholic dogmatics, a distinction is made between:

- **Direct/Immediate Creation:** God calls something into existence out of nothing (e.g., the creation of the universe or the individual human soul).
- **Mediate Creation (Creatio Mediata):** God works through existing secondary causes (natural laws and matter) to bring forth something fundamentally new.

Bortoluzzi's model fits seamlessly into this latter principle. God does not bypass natural laws; He operates them with absolute precision at the cellular level, utilizing an animal's womb (matter) while intervening directly by inserting a unique genetic code and a human soul.

2. The Ontological Break: The Soul and the Imago Dei

A major theological point of departure from theistic evolutionism is that humanity in Bortoluzzi's model did not gradually evolve from an animal. There is an absolute ontological break:

- **No "ensouled ape":** Adam was not a pre-human animal that received a soul at some point in time. From the very first moment of egg implantation, he was a perfect human, created in the image and likeness of God (*Imago Dei*).
- **Purposefulness of the instrument:** The pre-hominid animal was "prepared" by God to serve as an instrument for the arrival of Man. The animal remained an animal; Adam was from the first cellular stage a "son of God."

C. Systemic Comparison of Models of Origin

Feature	Theistic Evolutionism	Classical Creationism	Bortoluzzi Synthesis (Mediate Creation)
Role of the animal	Direct biological ancestor of humanity.	No role or relationship whatsoever.	Pure biological substrate / surrogate mother; no genetic ancestor.
Origin of Adam	Gradual transformation of a population.	Direct formation out of physical dust / earth.	Direct divine creation of a fertilized egg cell within the womb.
Status of DNA	Result of millions of years of mutations.	Directly created (often viewed in young-earth framework).	Perfectly created unique human code, later corrupted by hybridization.
Physiological fit	Yes, but lacks theological caesura (soul).	No; ignores geological and genetic data.	Yes: explains biological similarities alongside the unique human spirit.

V. Testable Hypotheses for Further Analysis

Three concrete hypotheses flow from this system-logic conceptual model, distinguishing it from both classical evolutionism and traditional creationism:

1. The Epigenetic Noise Hypothesis (Redefinition of "Junk DNA")

- **Hypothesis:** So-called non-coding DNA ("junk DNA") in modern humans does not consist of useless evolutionary remnants, but represents the molecular and epigenetic imprint of biological hybridization between the Adamic line and pre-hominid stock.
- **Systemic Implication:** While chemistry alone cannot generate coded language (Andrews), Bortoluzzi accounts for the ~96% genetic overlap with primates as the use of the same biological substrate, whereas genomic noise represents the scars of the physical Fall.

2. The Chronological Homogeneous-Fossil Hypothesis

- **Hypothesis:** Pre-Adamic hominids (such as *Australopithecus* or Neanderthals) in geological strata represent two fundamentally distinct categories:
 - **Category A:** The original, pure pre-hominid animal species (the biological substrate/surrogate mothers).
 - **Category B:** Degenerate, morphologically aberrant intermediate forms and hybrid branches that arose following Adam's fall.
- **Systemic Implication:** Fossil finds should not be interpreted as an ascending evolutionary line from ape to human, but as traces of pre-Adamic animals or post-Fall hybrid degeneration.

3. The Hypothesis of Asymmetric Memory and Spiritual Loss

- **Hypothesis:** As animal blood became dominant in the human gene pool, technological capacity did not immediately wane, but intuitive spiritual capacity and the genetic stability of human memory degraded.
- **Systemic Implication:** Human history displays not a gradual intellectual ascent out of primitive origins, but a loss of an original, highly integrated state, followed by a compensatory drive toward technology.

VI. Comparative Synthesis Matrix

Systemic Theme	Perspective of Edgar Andrews (<i>Who Made God?</i>)	Systemic Elaborations in Bortoluzzi's Synthesis
Origin of DNA	DNA is a coded language requiring an Intelligent Author; chemistry cannot generate semantics.	Adam is created biologically perfect via an egg cell assembled directly by God containing pure code.
Mechanism of Creation	Allows space for natural laws, but lacks detailed biological mechanisms.	Mediate Creation: God implants the egg cell into a pre-hominid surrogate mother (0% genetic transfer).
The Fall & Decay	Evolutionary biology ignores the impact of the Fall on genetic and biological decay.	The Fall is the physical process of hybridization with pre-hominids, leading to biological noise and disease.
Human–Ape Relation	96% genetic similarity proves shared design and functional substrate.	Explains the use of the pre-hominid as surrogate mother as well as subsequent intermingling of the two lines.
Anthropological Status	Man is no evolutionary accident, but possesses an immaterial spirit, conscience, and intellect.	The "sons of God" possessed a perfect spirit; physical and moral decline stems from hybrid intermingling.
Timeline & Geology	Allows room for cosmological and geological timelines without adopting theistic evolutionism.	Places Adam's creation tens of millions of years ago; accounts for fossils as substrate or hybrids.

VII. Closing Remarks & Conclusion

Synthesizing Edgar Andrews's information-theoretic apologetics with Don Guido Bortoluzzi's *Sintesi della Genesi Biblica* provides a deep framework for understanding human origins.

The model avoids a "God-of-the-gaps" pitfall by supplying a clear, causally and biologically grounded mechanism: God utilizes pre-existing material creation as a functional substrate, while executing a unique, direct act of creation at the cellular level. Humanity did not arise through animal selection, but was created as a perfect image-bearer of God.

This framework explains in a system-technical manner why humanity remains characterized to this day by an elevated intellect and spiritual hunger, while trapped in a biologically vulnerable, disease-prone, and decayed body. It calls us not only to intellectual humility, but above all to look with renewed wonder at the redemptive work of our Lord Jesus Christ, which is required to restore the original harmony between God, humanity, and creation.

Editorial & Methodological Justification

The content of this paper was conceived, directed, and edited by Father Jack Geudens. To systematically organize the extensive source material, theological issues, and bio-informational concepts, the AI language model Gemini was used as an analytical sparring partner. This interaction was based on the working thesis "*Godhypothese verdiept!*" (*The God Hypothesis Deepened!*) provided by the human author, after which dialectical pattern analysis and structuring were executed and finalized under strict theological and editorial oversight by the author.

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