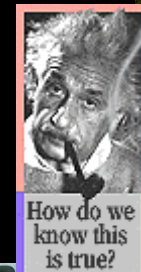
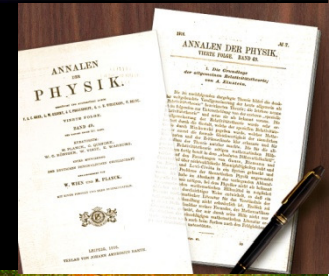
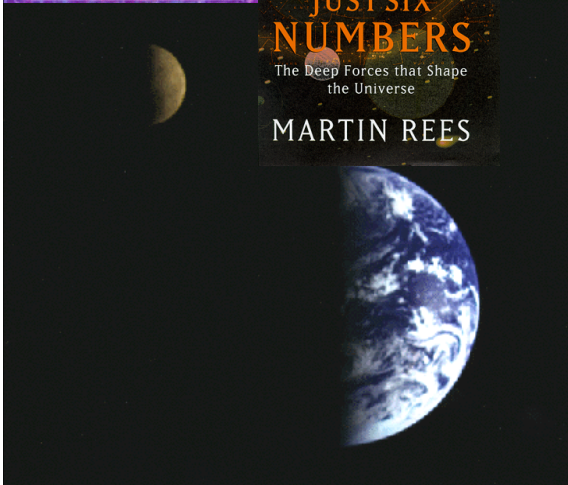
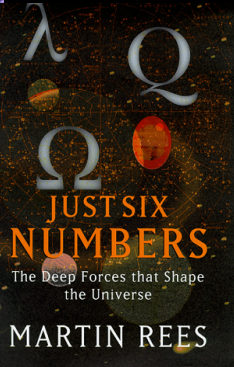
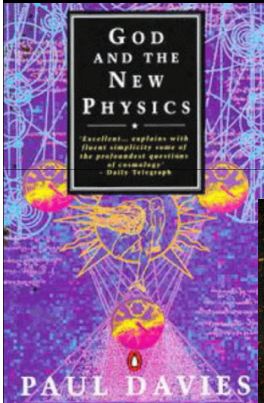
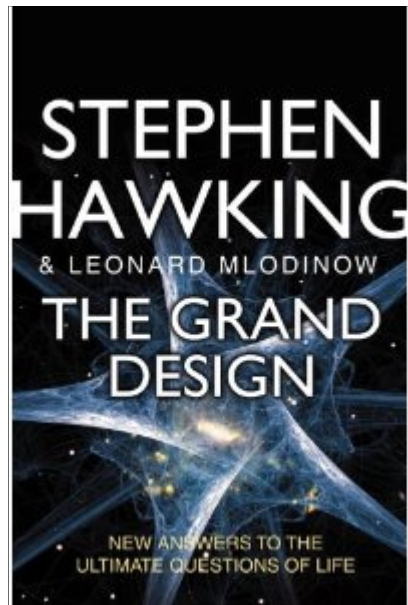
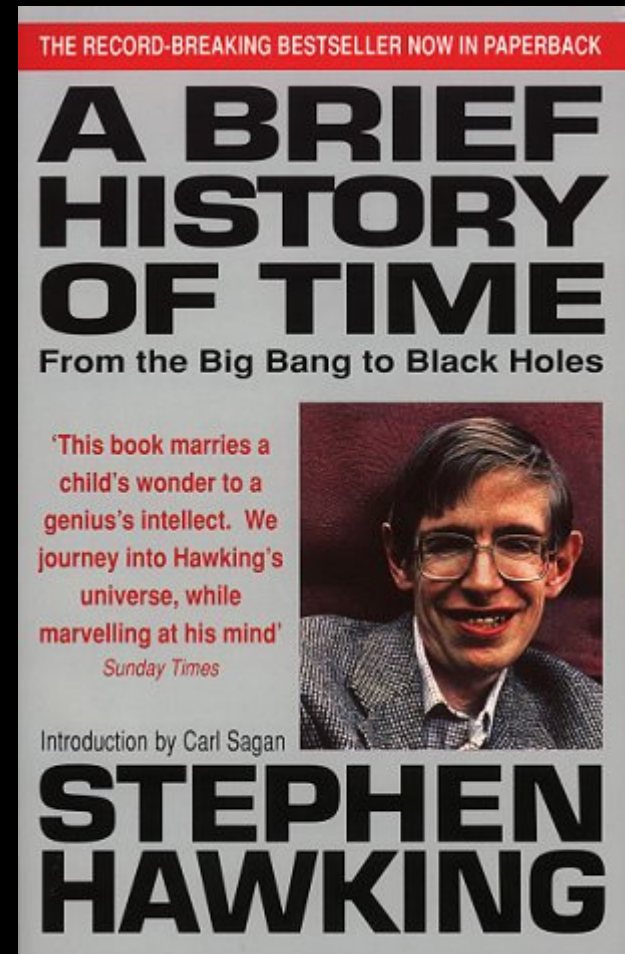


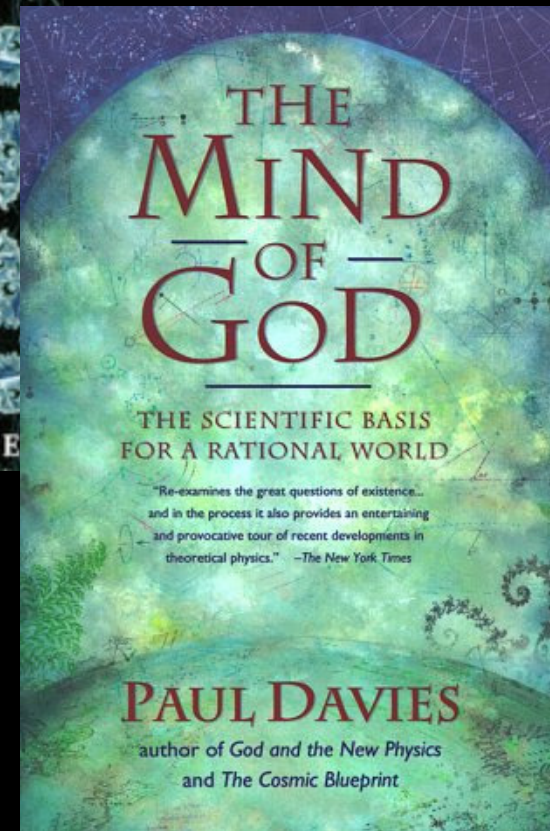
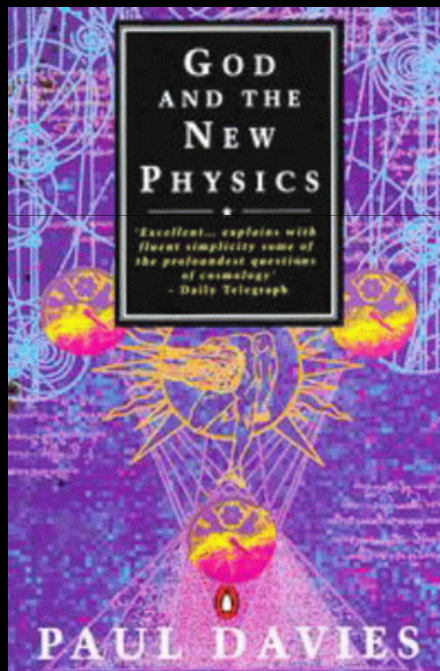
Has science buried God?





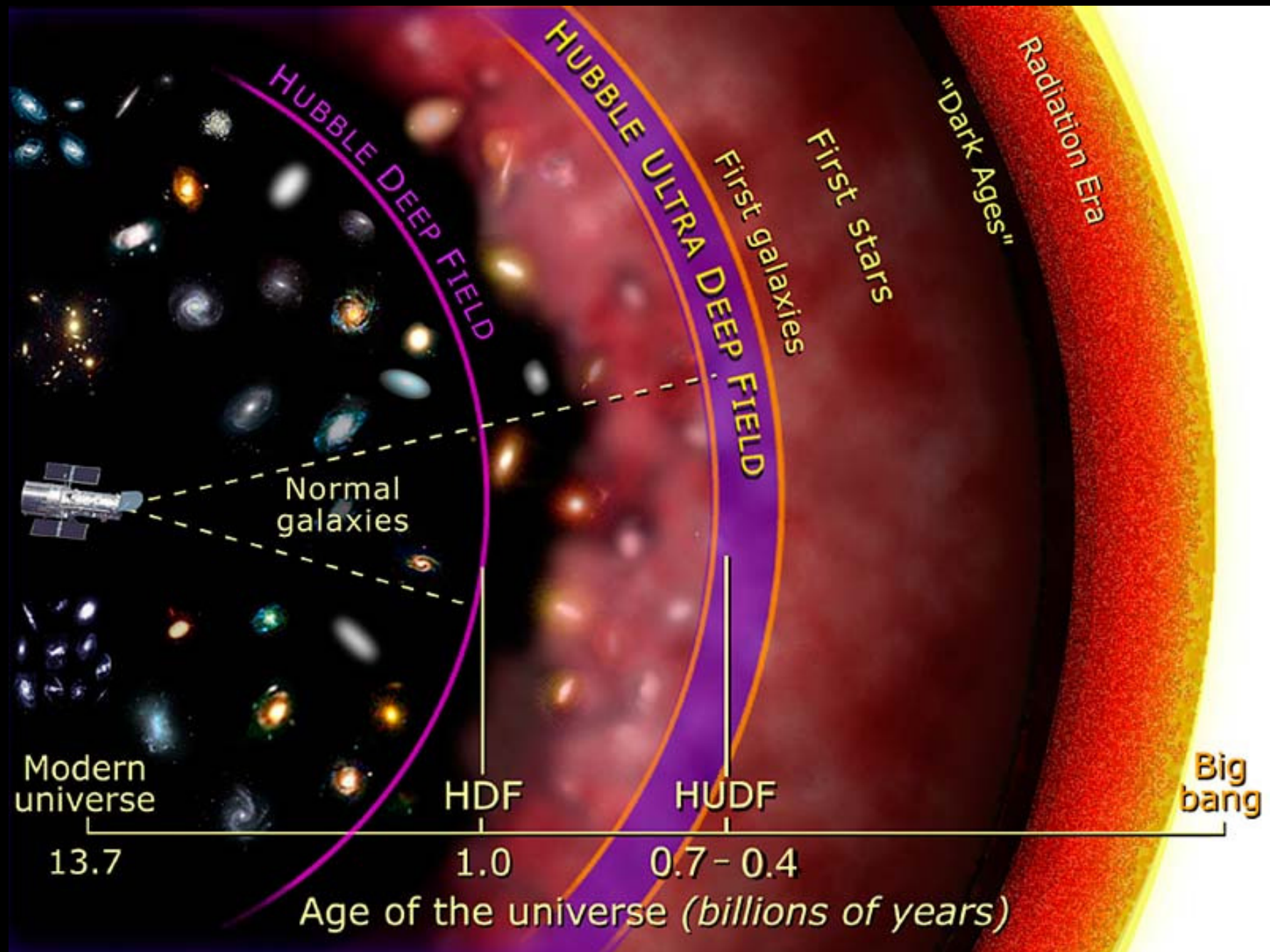
‘a book about God...or perhaps about the absence of God’





**‘in my opinion science
offers a surer path to
God than religion’**





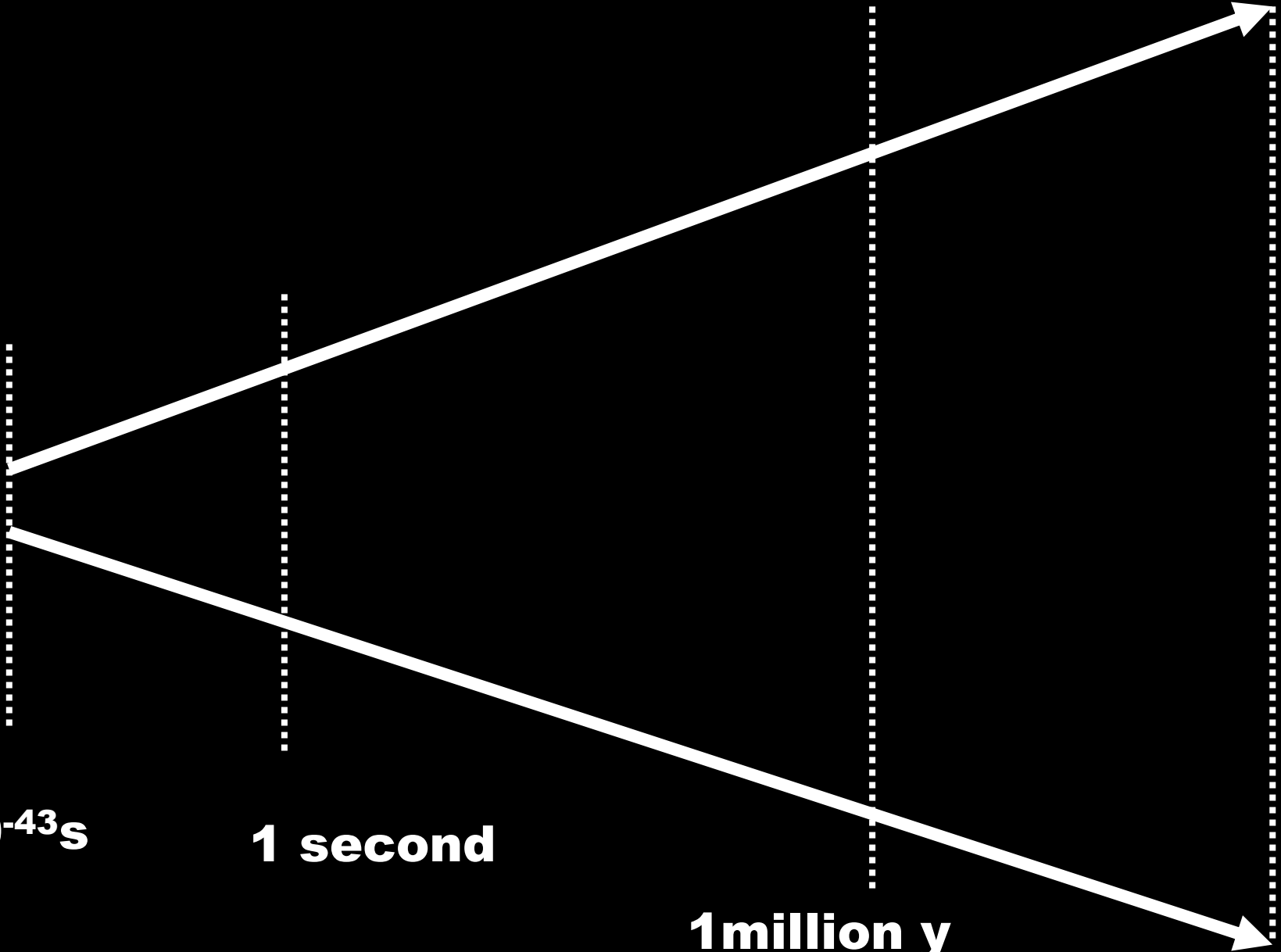
THE BIG BANG

10^{-43}s

1 second

1million y

13.7By



1

second

10000000000000000

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10^{-33}cm

Quarks

**Hydrogen
and Helium**

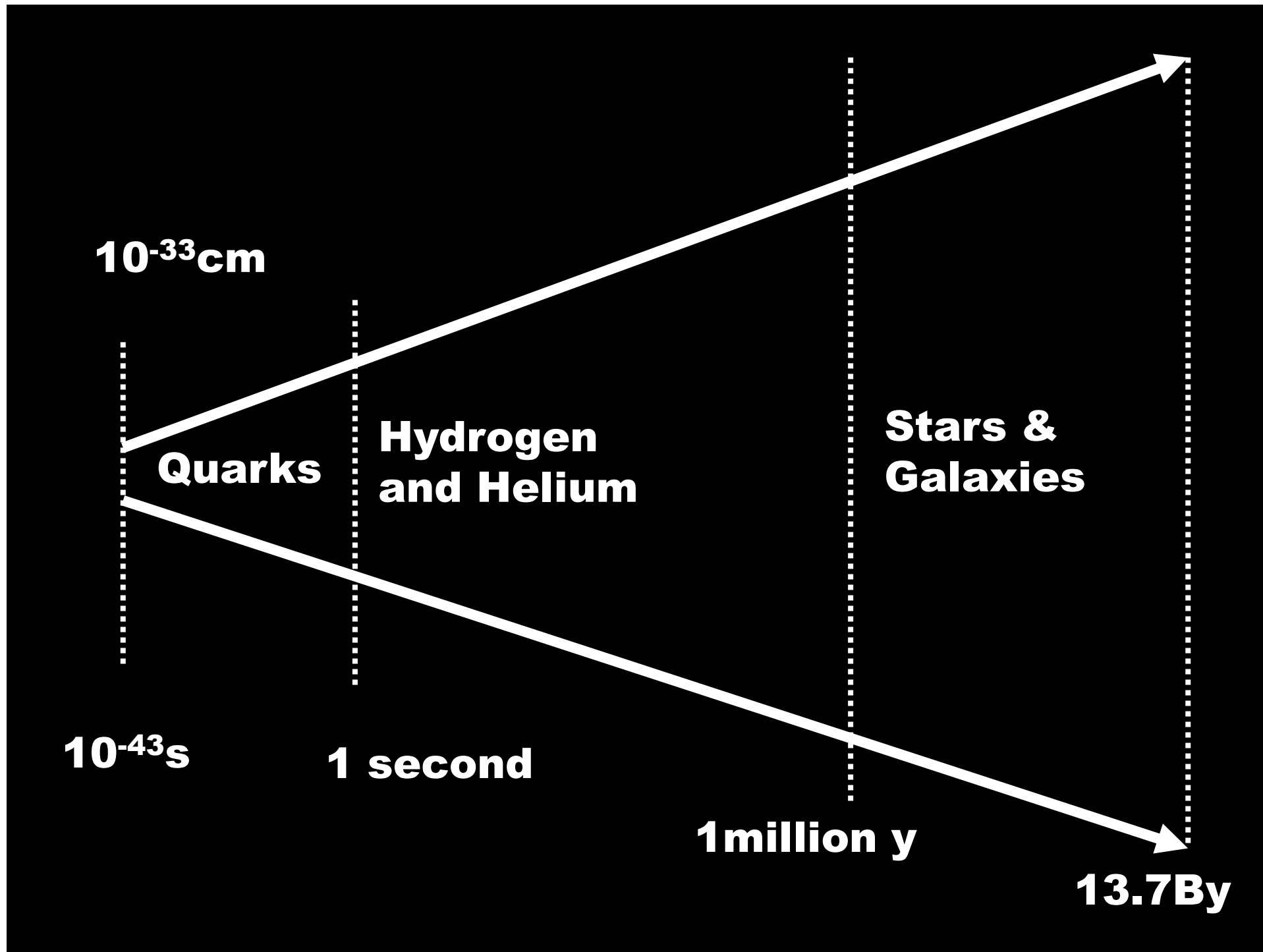
**Stars &
Galaxies**

10^{-43}s

1 second

1million y

13.7By



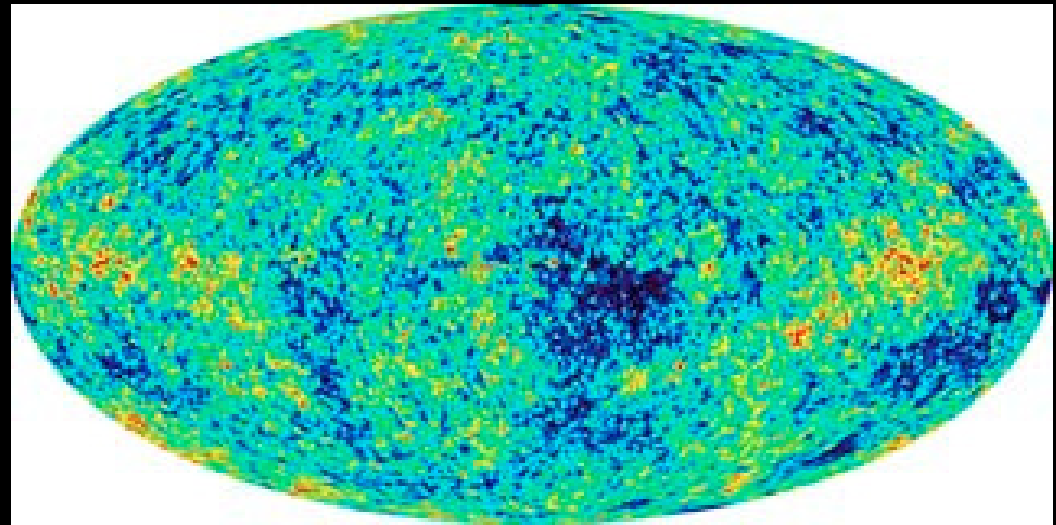


Evidence for the Big Bang

- **Redshift of galaxies**
- **Microwave background radiation**
- **Abundance of helium**



**WILKINSON
MICROWAVE
ANISOTROPY PROBE
(WMAP)**

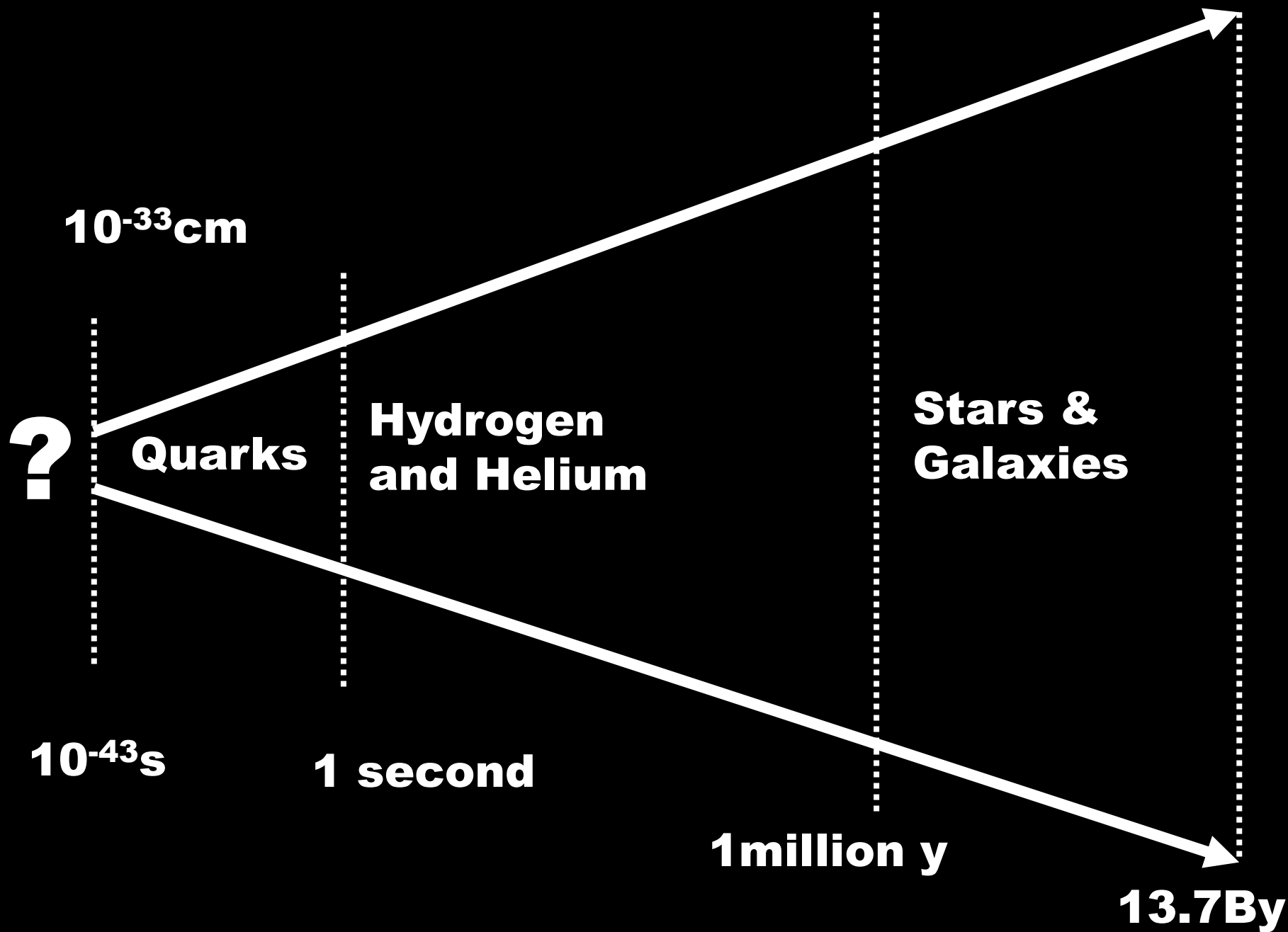


380,000 years after Big Bang

Problems with the Big Bang?

- What is the dark matter?
- What is the dark energy?
- Limits of quantum theory and general relativity





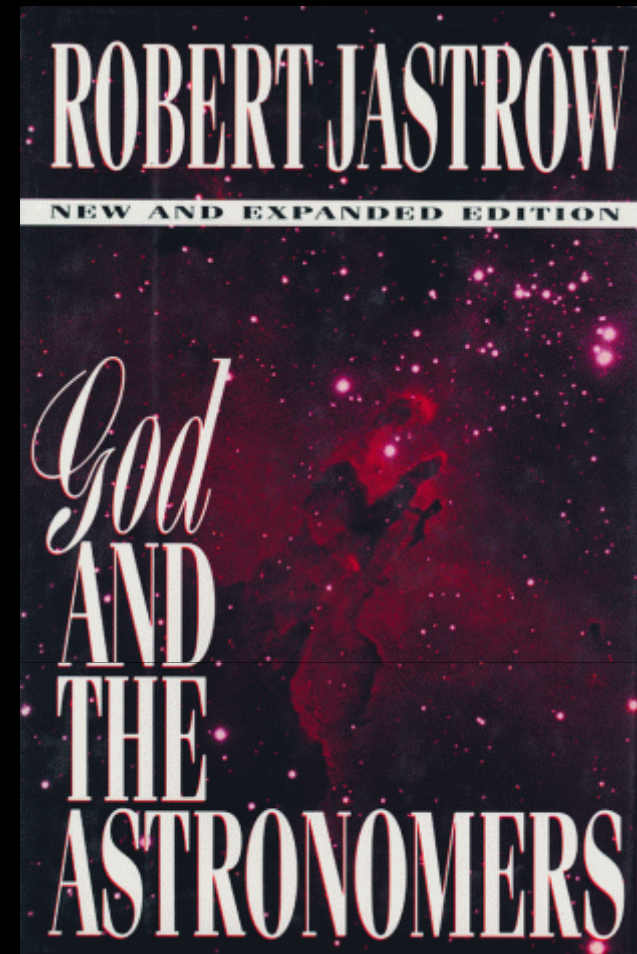
**Quantum theory
(1920s)**

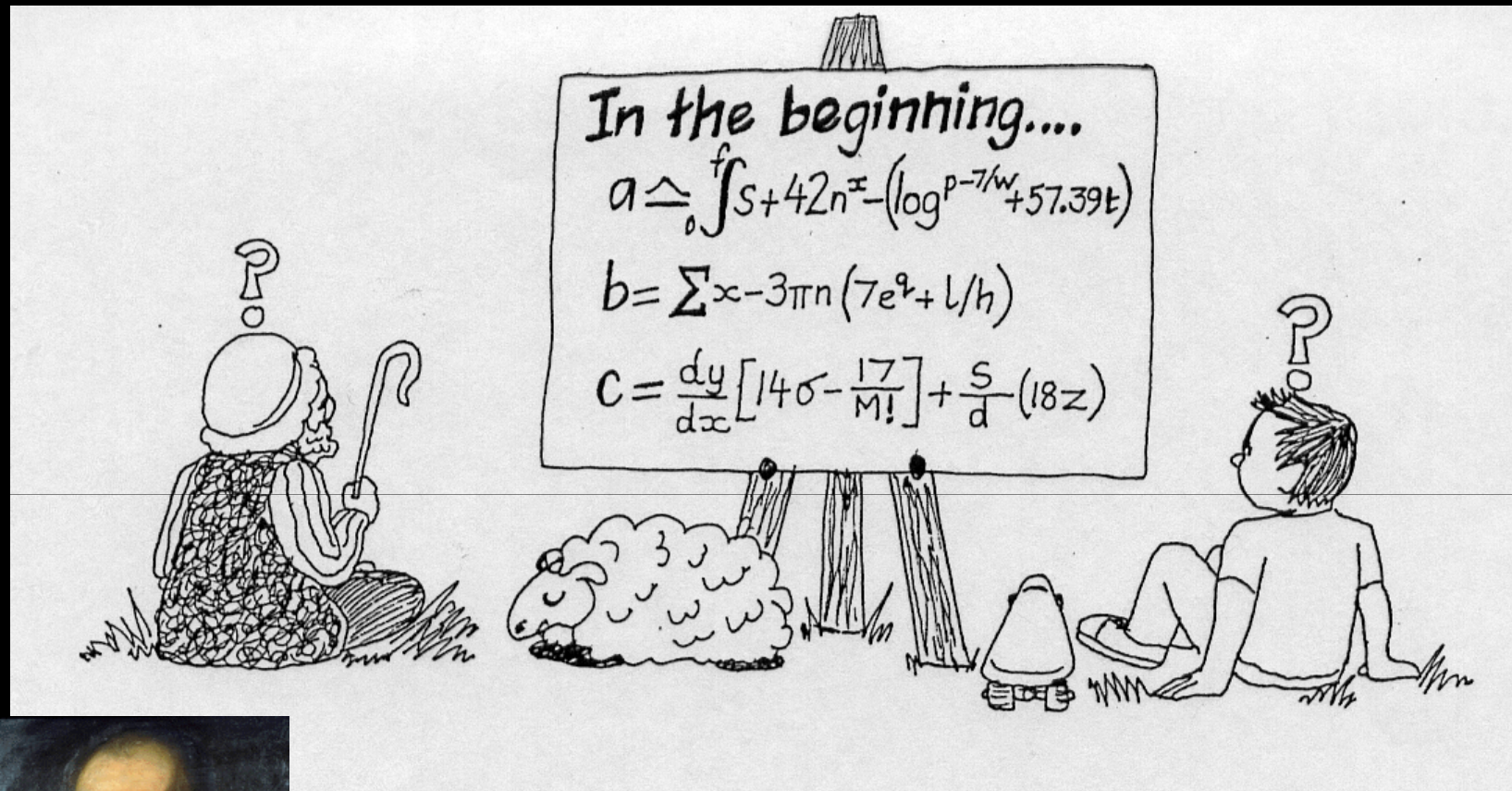


**General theory
of relativity
(1915)**

'For the scientist who has lived by his faith in the power of reason, the story ends like a bad dream. He has scaled the mountains of ignorance; he is about to conquer the highest peak; and as he pulls himself over the final

rock.....he is greeted by a band of theologians who have been sitting there for centuries'



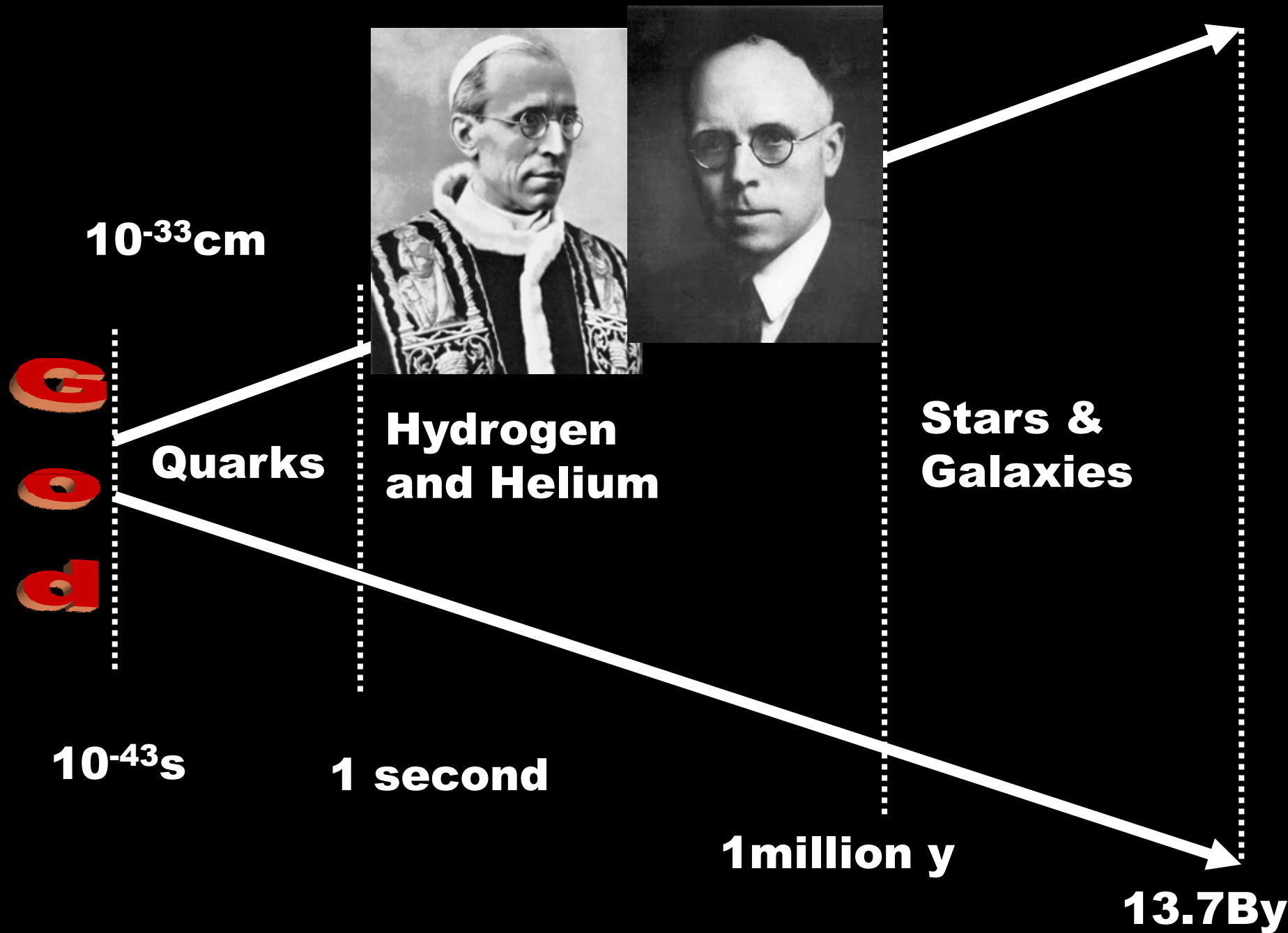


'The scriptures are meant to tell us how to go to heaven, not how the heavens go'

Questions raised by cosmology

The Question of Origins

- **Does the Big Bang prove God?**



The Question of Origins

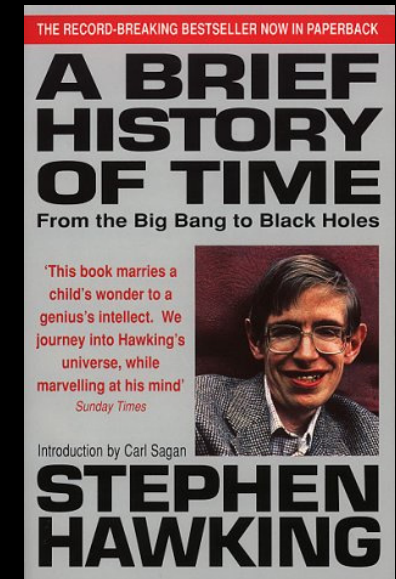
- **Does the Big Bang prove God?**
–logic?

The Question of Origins

- **Does the Big Bang prove God?**
 - logic?**
 - god of the gaps?**

The Question of Origins

- Does the Big Bang prove God?
 - logic?
 - god of the gaps?
 - deism?

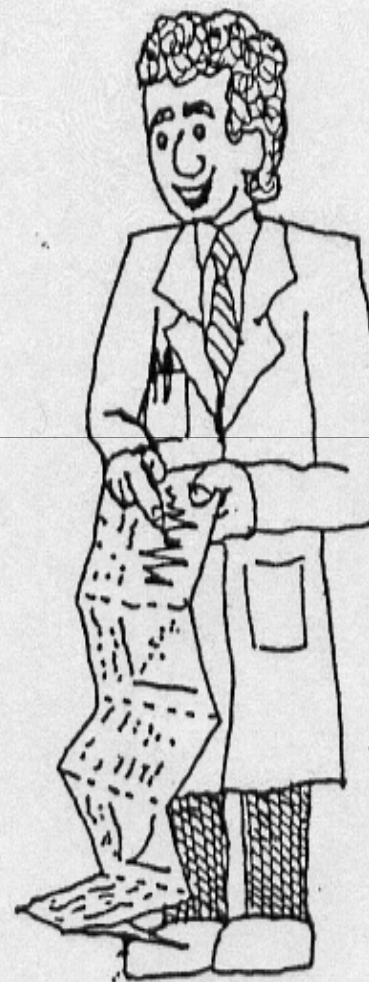
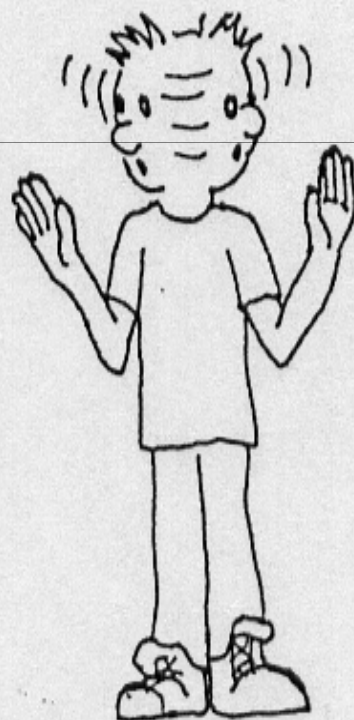


The Question of Origins

- **Does the Big Bang prove God?**
- **What is the origin of the laws of physics?**

The Question of Purpose?

- **Does the Big Bang disprove God?**



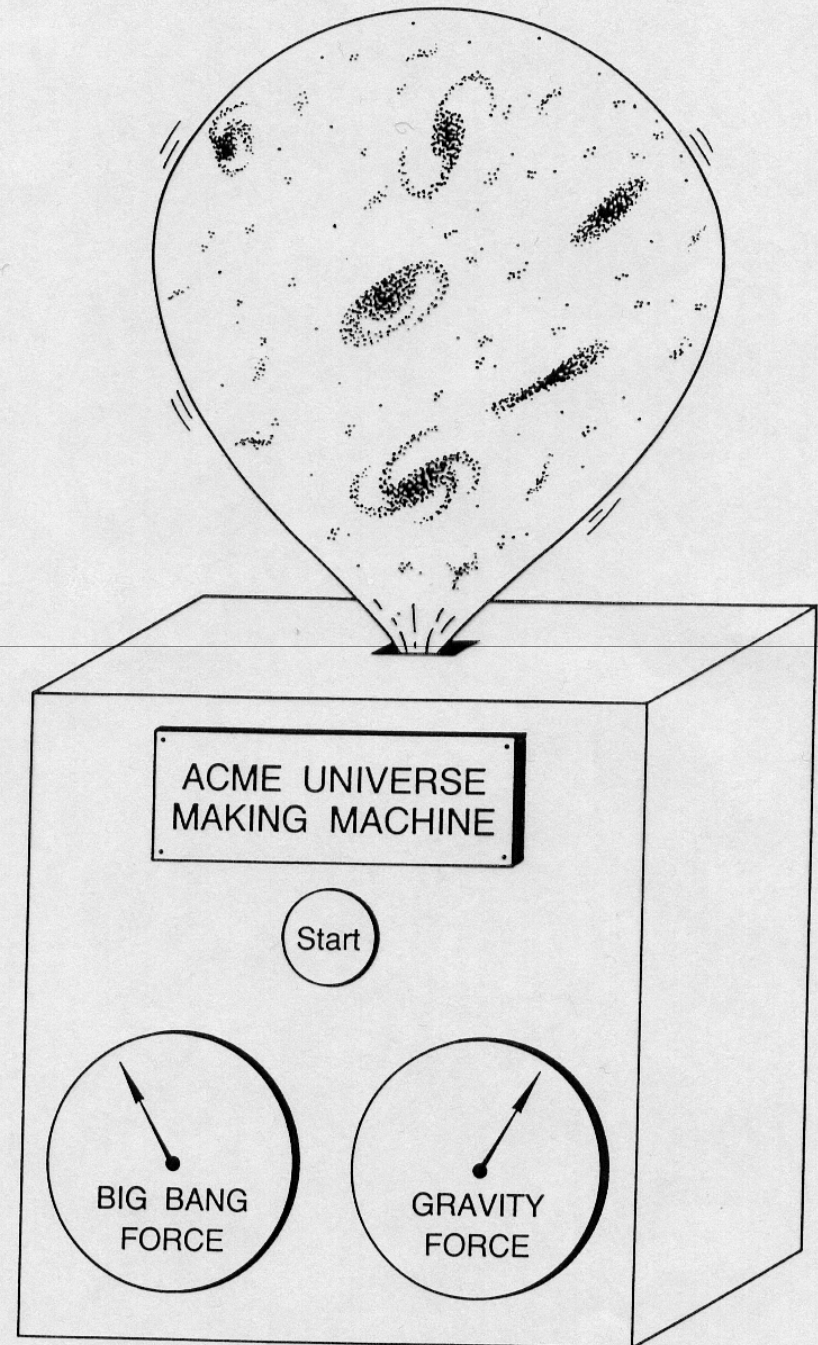
The Question of Purpose?

- **Does the Big Bang disprove God?**
- **Why is there something rather than nothing?**

The Question of Design?

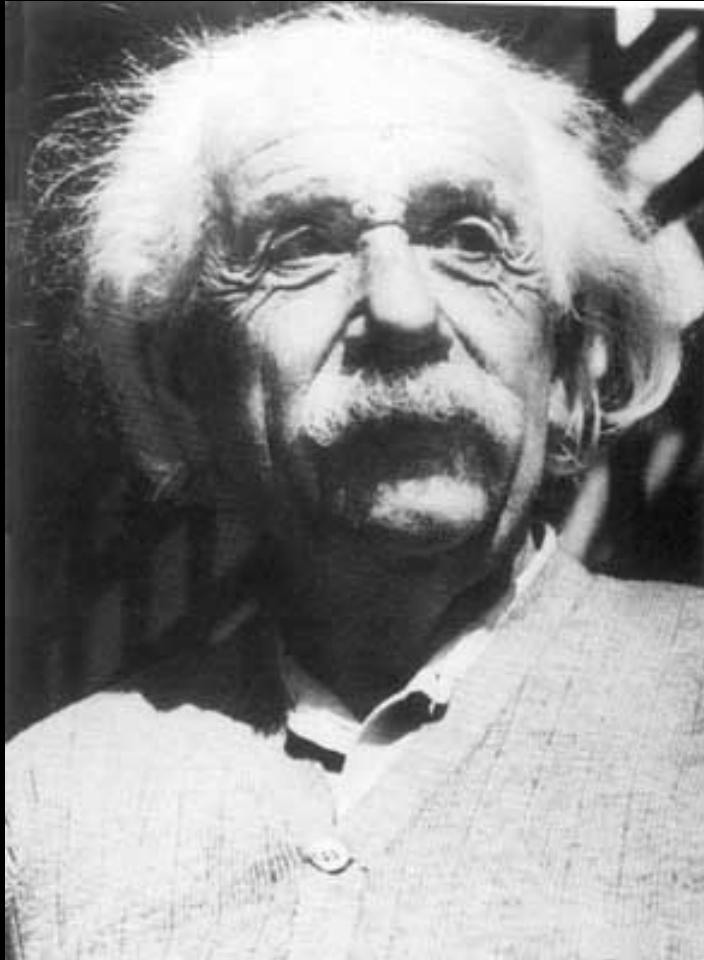
- **Anthropic Balances**

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The Question of Design?

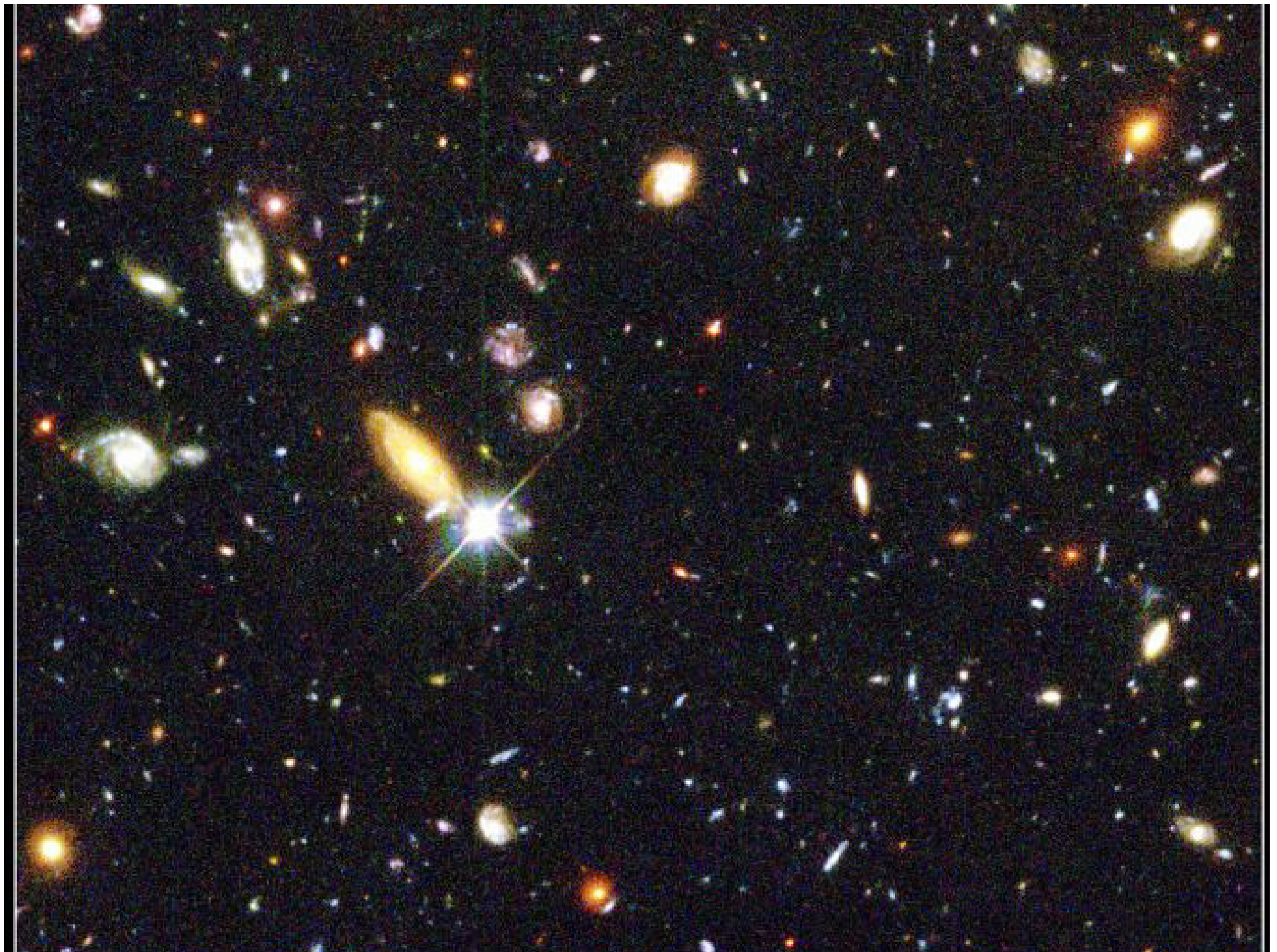
- **Anthropic Balances**
- **Intelligibility**



**‘the most
incomprehensible
thing about the
Universe is that it is
comprehensible’**

The Question of Design?

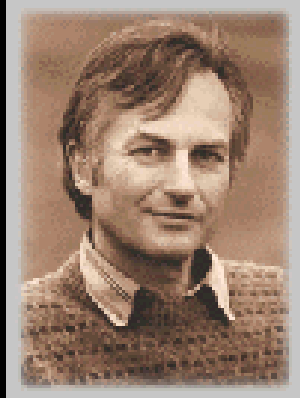
- **Anthropic Balances**
- **Intelligibility**
- **Awe**



The Question of Revelation?

- **How can God be known?**





**‘faith is the great cop-out,
the great excuse to evade
the need to think and
evaluate evidence’
Richard Dawkins**

**In the beginning was the
Word, and the Word was
with God and the Word
was God**

**And the Word
became flesh and
dwelt among us**