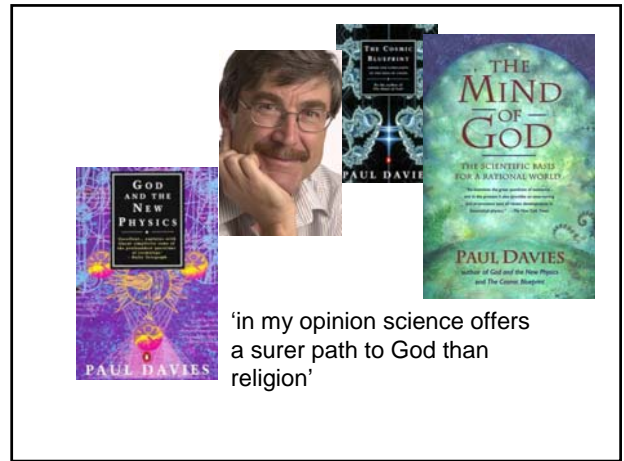
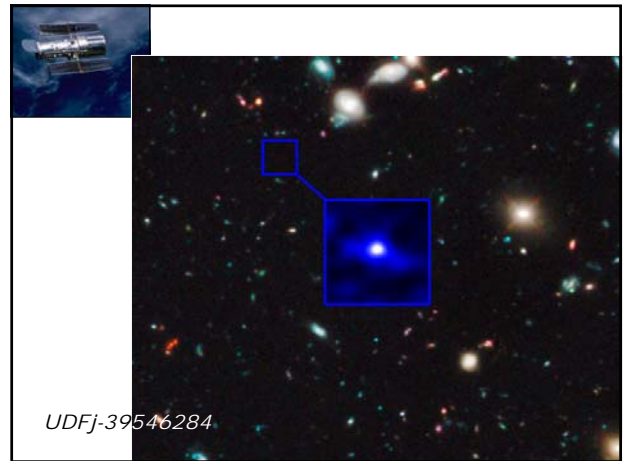


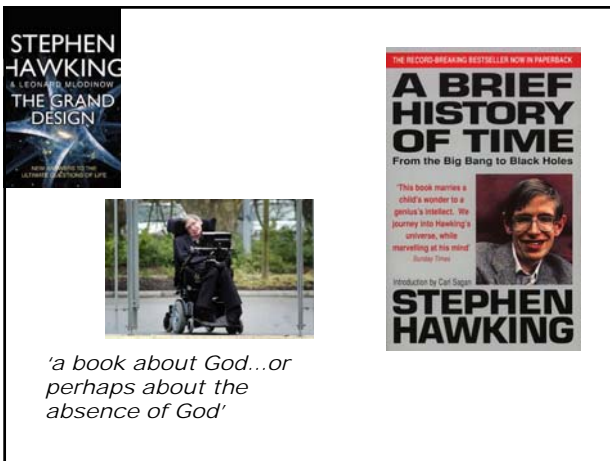
Faith, Hope and Quarks: The Search for God in Contemporary Cosmology



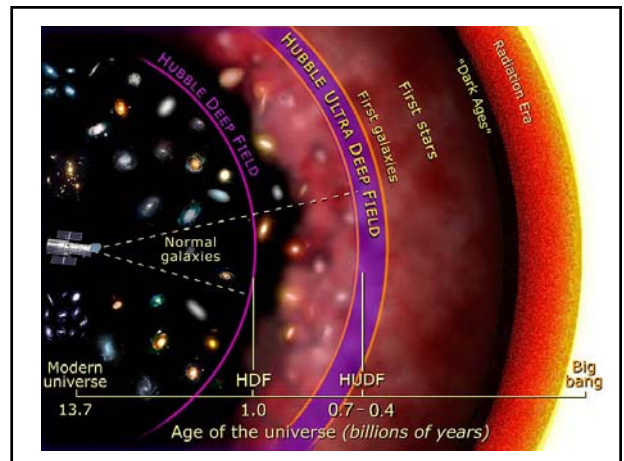
'in my opinion science offers a surer path to God than religion'



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'a book about God...or perhaps about the absence of God'

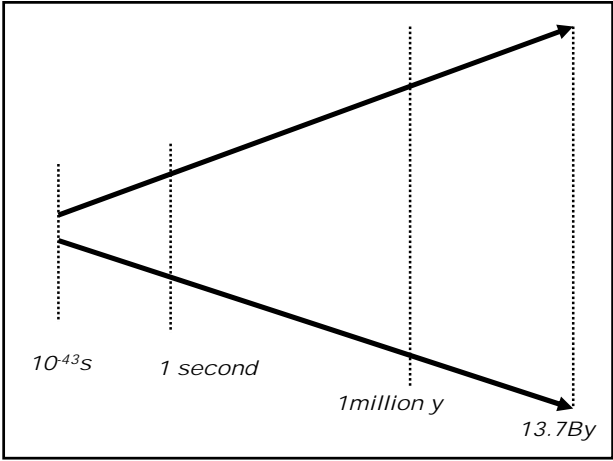
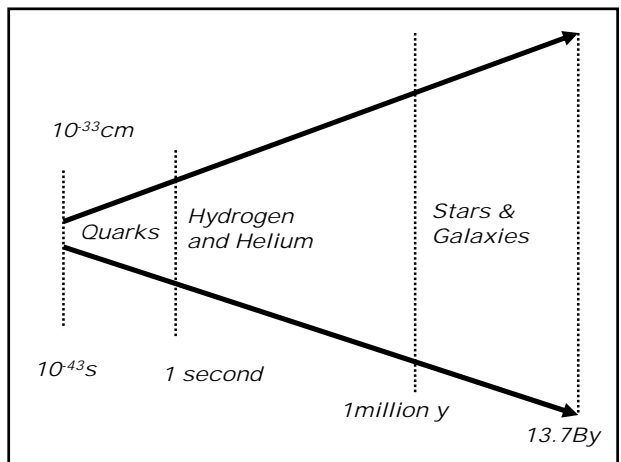




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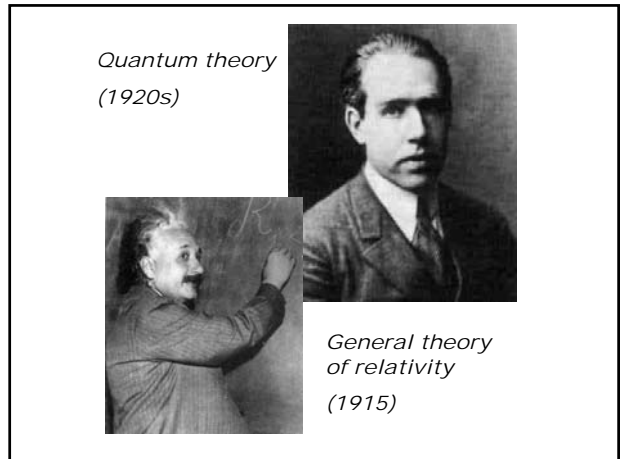
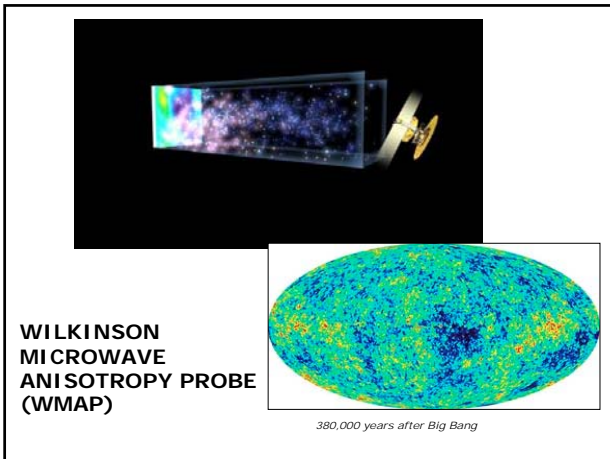
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THE BIG BANG



Evidence for the Big Bang

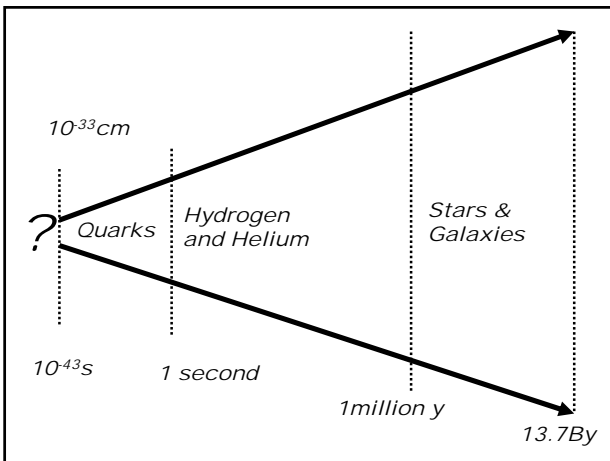
- Redshift of galaxies
- Microwave background radiation.
- Abundance of helium



Problems with the Big Bang?

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

'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'



In the beginning...

$$a \triangleq \int (s+4)2n^2 - (\log^2 - 704, 57, 391t)$$

$$b = \sum x - 3\pi n (7e^3 + 1/h)$$

$$c = \frac{dy}{dx} [14\sigma - \frac{17}{11}] + \frac{5}{d} (18z)$$

'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

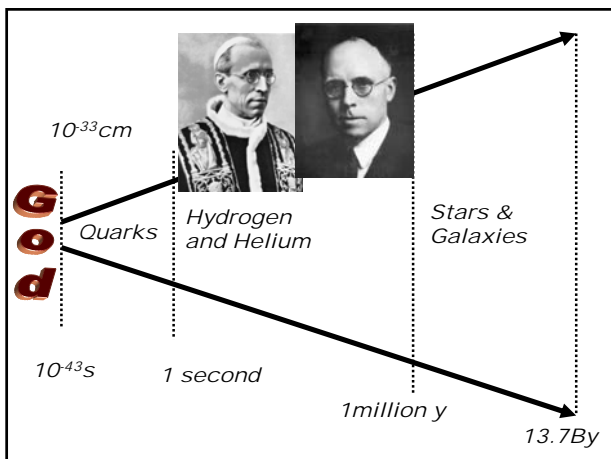
- Does the Big Bang prove God?
–logic?

The Question of Origins

- Does the Big Bang prove God?

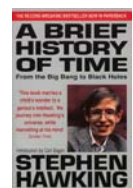
The Question of Origins

- 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?

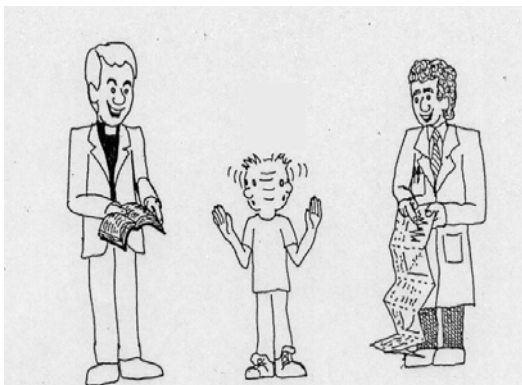
- Does the Big Bang disprove God?
- Why is there something rather than nothing?

The Question of Purpose?

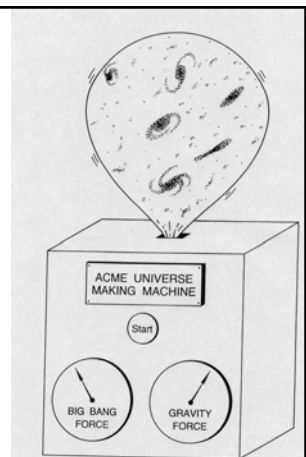
- Does the Big Bang disprove God?

The Question of Design?

- Anthropic Balances

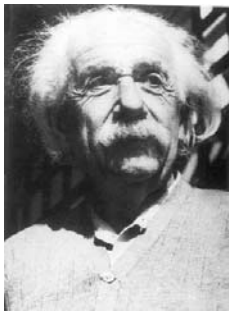
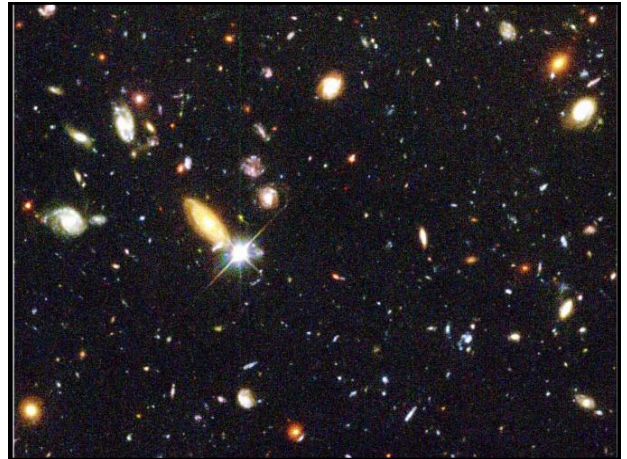


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The Question of Design?

- Anthropic Balances
- Intelligibility



'the most incomprehensible thing about the Universe is that it is comprehensible'

The Question of Revelation?

- How can God be known?



The Question of Design?

- Anthropic Balances
- Intelligibility
- Awe



'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*