



1. [Group] title



PSALM 19:1-4

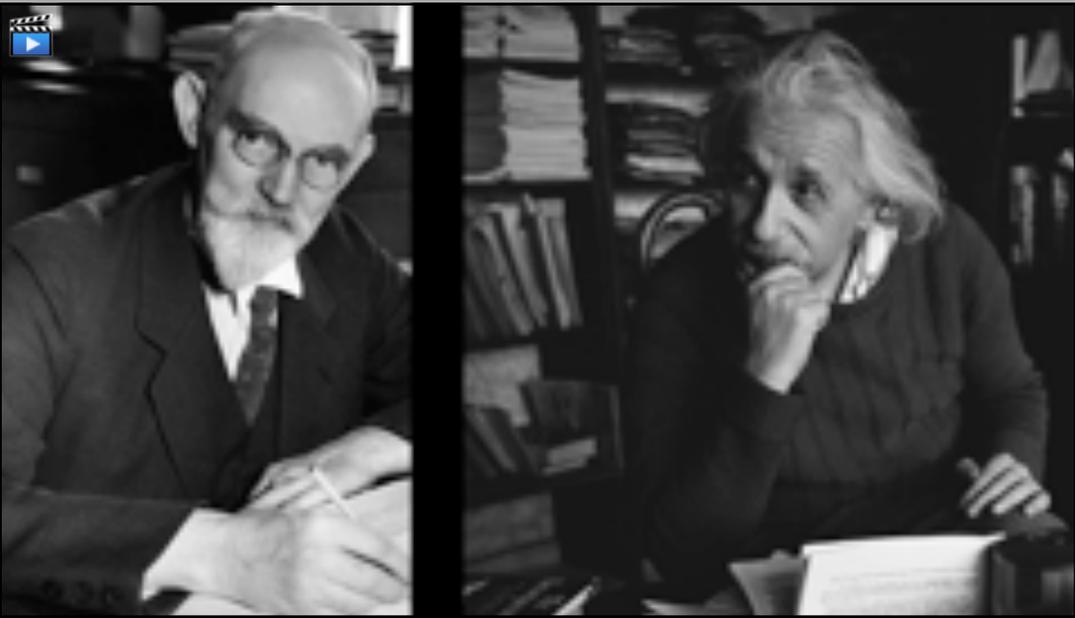
The heavens are telling the glory of God; and the firmament proclaims his handiwork. Day to day pours forth speech, and night to night declares knowledge. There is no speech, nor are there words; their voice is not heard; yet their voice goes out through all the earth, and their words to the end of the world.



2. [Group]



3. sermon-image-01



4. sermon-image-02



5. sermon-image-03



6. sermon-image-04



“The notion of a beginning is repugnant to me...I simply do not believe that the present order of things started off with a bang...the expanding Universe is preposterous...incredible... it leaves me cold.”

– Sir Eddington

7. sermon-image-05



“To deny the infinite duration of time would be to betray the very foundations of science.”

– Walter Nernst

8. sermon-image-12



“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; as he pulls himself over the final rock, he is greeted by a band of theologians who have been sitting there for centuries.”

– Robert Jastrow

9. sermon-image-07



1) Ratio of electromagnetic force constant to gravitational force constant

If altered by $1:10^{40}$, stars wouldn't be able to produce elements beyond helium. There would be no carbon, oxygen, nitrogen, etc, required for life.

10. [Group] P&P_Text_slide



2) Strong nuclear force constant

If slightly larger: no hydrogen would form, hence no life chemistry would be possible

If slightly smaller: no elements heavier than hydrogen would form: again, no life chemistry

11. P&P_Text_slide

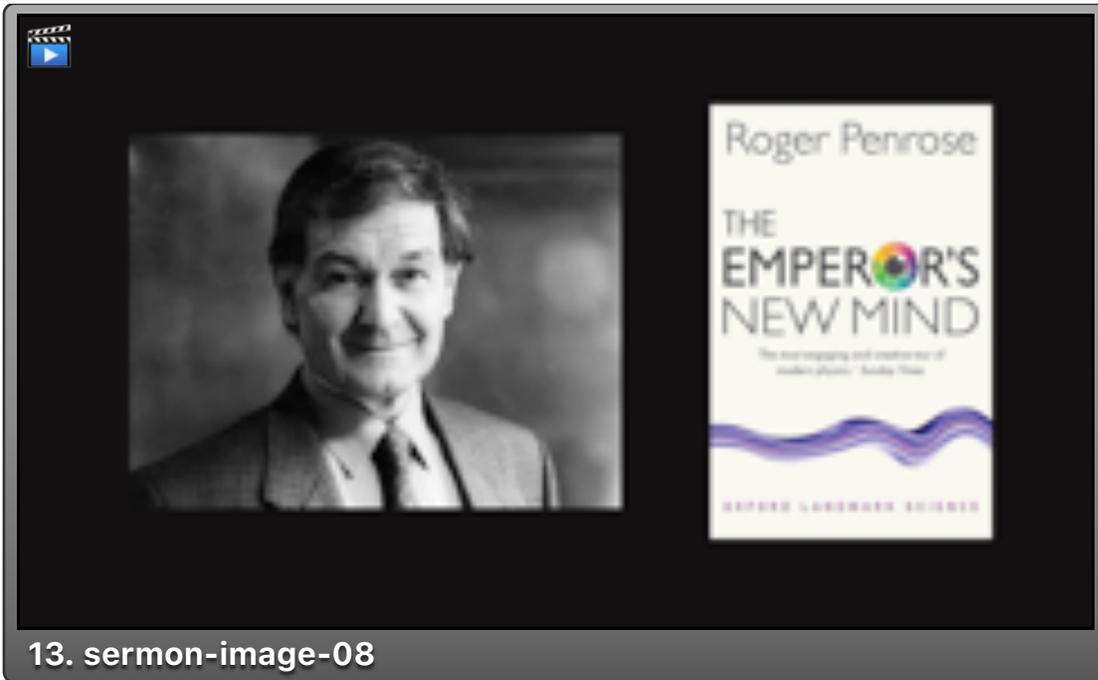


3) Weak nuclear force constant

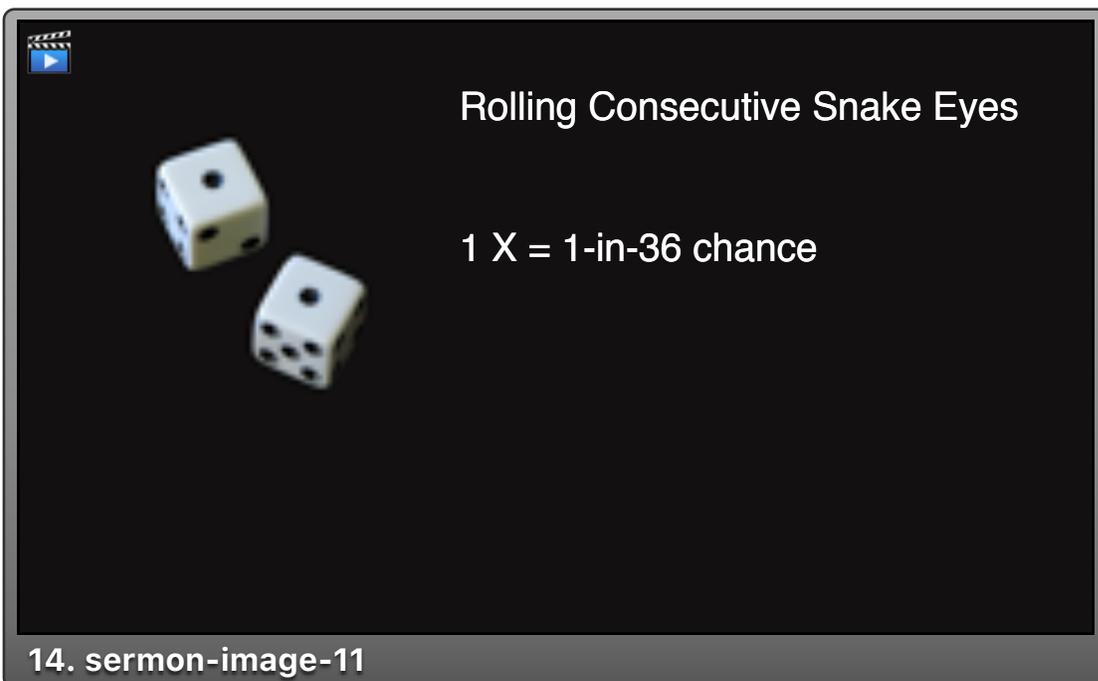
If slightly larger: too much helium in big bang; hence, stars would convert too much matter into heavy elements making life chemistry impossible

If slightly smaller: too little helium would be produced from big bang; hence, stars would convert too little matter into heavy elements making life chemistry impossible

12. P&P_Text_slide



13. sermon-image-08



14. sermon-image-11



Rolling Consecutive Snake Eyes



1 X = 1-in-36 chance

2 X = 1-in-1,296 chance

15. sermon-image-11



Rolling Consecutive Snake Eyes

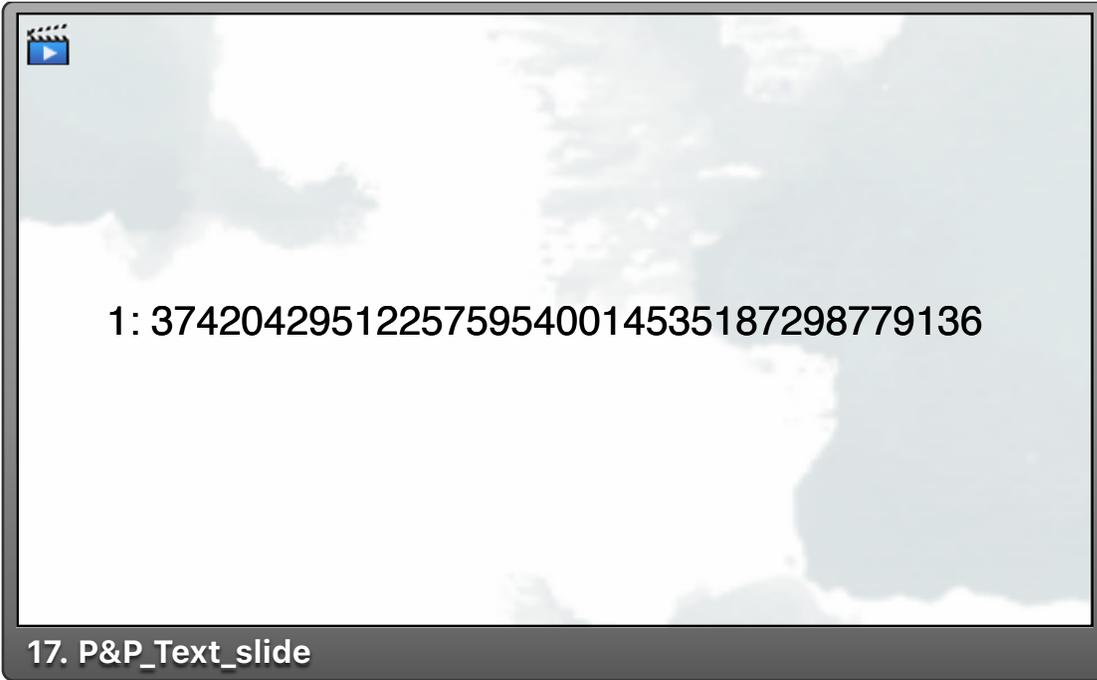


1 X = 1-in-36 chance

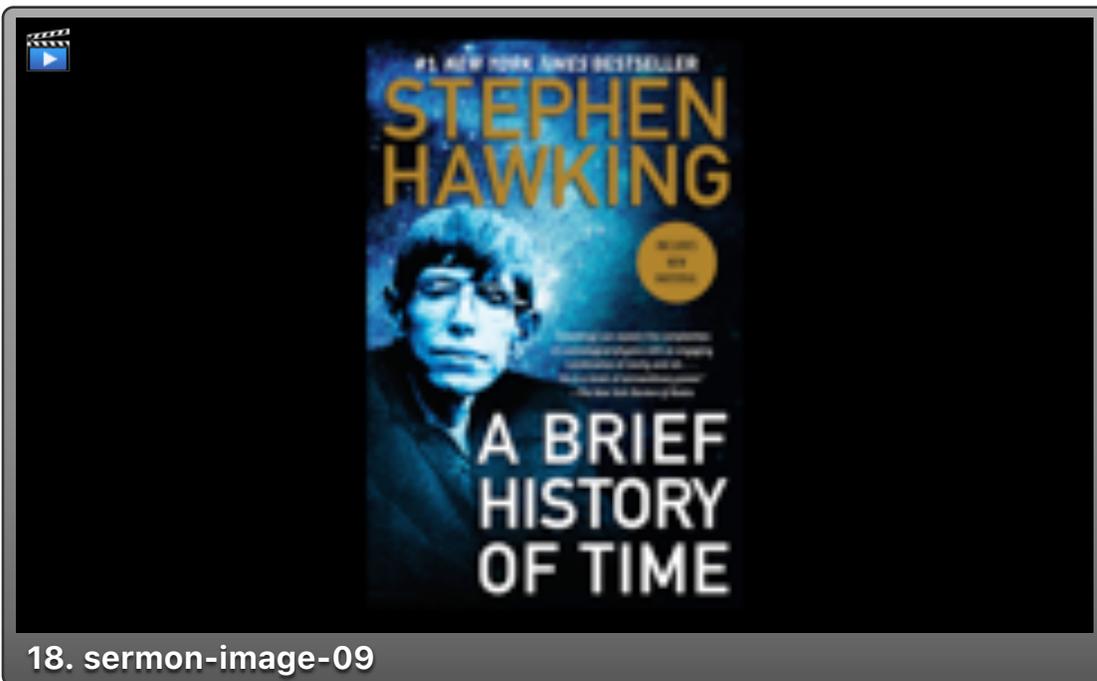
2 X = 1-in-1,296 chance

6 X = 1-in-2,176,782, 336 chance

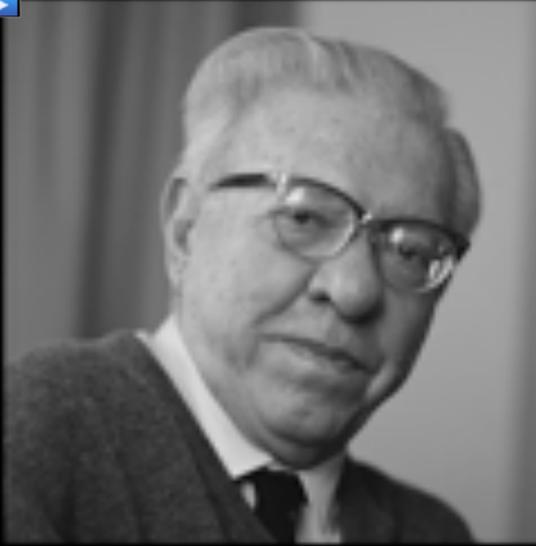
16. sermon-image-11



17. P&P_Text_slide



18. sermon-image-09



“A commonsense interpretation of the facts suggests that a super-intellect has monkeyed with physics, as well as with chemistry and biology, and that there are no blind forces worth speaking about in nature. The numbers one calculates from the facts seem to me so overwhelming as to put this conclusion almost beyond question.”

– Fred Hoyle

19. sermon-image-10



4) Gravitational force constant

If slightly larger: stars would be too hot and would burn too rapidly and too unevenly for life chemistry

If slightly smaller: stars would be too cool to ignite nuclear fusion; thus, many of the elements needed for life chemistry would never form

20. [Group] P&P_Text_slide



5) Initial uniformity of radiation (explain big bang ripples)

If slightly more uniform: galaxies would be too dense for life; black holes would dominate; universe would collapse long before life could form

If slightly less uniform: galaxies would not form; universe would expand too rapidly

21. [Group] P&P_Text_slide



The heavens are telling the glory of God;
And the firmament proclaims his handiwork.

We look for that glory and celebrate that handiwork.

Day to day pours forth speech;
And night to night declares knowledge.

We listen for that speech and open ourselves up to that knowledge

22. P&P_Text_slide



There is no speech, nor are there words; their voice is not heard;
yet their voice goes out through all the earth,
and their words to the end of the world.

*Teach us to hear your wordless speech,
to behold your matchless wisdom,
and to never take for granted
the wonder of your magnificent creation.*

23. P&P_Text_slide



GO IN PEACE

PLEASE COME FORWARD
IF YOU WOULD LIKE
PRAYER
FOR ANYTHING



24. [Group] P&P_Peace_slide