



CLIPS



**EPISODE 50:
DR. MEENAKSHI WADHWA**

you know, that's about the
whole of solar system history.

#ASKASTROBIO

1
00:00:04,550 --> 00:00:02,629
what is an unbelievable science fact

2
00:00:10,990 --> 00:00:04,560
that still blows your mind just the age

3
00:00:16,490 --> 00:00:14,030
a billion years we know that to an

4
00:00:18,109 --> 00:00:16,500
incredible level level of precision

5
00:00:20,210 --> 00:00:18,119
and just to think about that you know

6
00:00:21,830 --> 00:00:20,220
this is the context of that you know if

7
00:00:24,950 --> 00:00:21,840
you if you think about

8
00:00:27,349 --> 00:00:24,960
to wrap your mind around that big a

9
00:00:28,670 --> 00:00:27,359
number is hard even for somebody who

10
00:00:30,830 --> 00:00:28,680
studies it you know on a day-to-day

11
00:00:32,150 --> 00:00:30,840
basis to even do that so if you're

12
00:00:35,389 --> 00:00:32,160
thinking about the length of your arm

13
00:00:36,830 --> 00:00:35,399

you know that's about the whole of solar

14

00:00:39,229 --> 00:00:36,840

system history and you were basically if

15

00:00:40,850 --> 00:00:39,239

you were to take a nail file and rub it

16

00:00:42,950 --> 00:00:40,860

against your nail you would remove all

17

00:00:44,209 --> 00:00:42,960

of human history right so that that's

18

00:00:45,889 --> 00:00:44,219

the kind of scale that you're talking

19

00:00:48,170 --> 00:00:45,899

about just blows my mind just thinking

20

00:00:50,150 --> 00:00:48,180

about you know what the age of our solar

21

00:00:51,830 --> 00:00:50,160

system is and when life originated

22

00:00:53,930 --> 00:00:51,840

actually it's a very small fraction of

23

00:00:56,810 --> 00:00:53,940

that time so I mean I think just