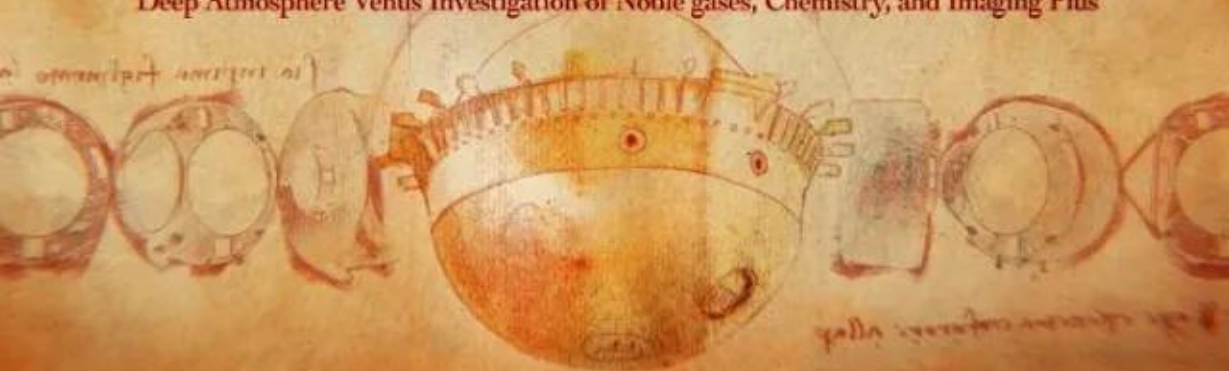


DAVINCI+

Deep Atmosphere Venus Investigation of Noble gases, Chemistry, and Imaging Plus



1
00:00:13,350 --> 00:00:12,629
on the hottest planet in the solar

2
00:00:15,270 --> 00:00:13,360
system

3
00:00:16,790 --> 00:00:15,280
a probe descends through a thick

4
00:00:19,109 --> 00:00:16,800
poisonous atmosphere

5
00:00:19,910 --> 00:00:19,119
it is both a time capsule and time

6
00:00:22,550 --> 00:00:19,920
machine

7
00:00:24,710 --> 00:00:22,560
unlocking secrets of the ancient past

8
00:00:26,310 --> 00:00:24,720
while revealing how a world can turn

9
00:00:30,230 --> 00:00:26,320
from possibly habitable

10
00:00:32,310 --> 00:00:30,240
to horrible the location venus our

11
00:00:33,030 --> 00:00:32,320
sister planet has much to tell us about

12
00:00:35,350 --> 00:00:33,040
our own

13
00:00:38,549 --> 00:00:35,360

and exoplanets helping ignite a

14

00:00:40,229 --> 00:00:38,559

scientific renaissance for our universe

15

00:00:41,670 --> 00:00:40,239

the mission brought to you by nasa

16

00:00:44,630 --> 00:00:41,680

goddard and its partners

17

00:00:45,110 --> 00:00:44,640

is aptly named davinci plus the first

18

00:00:47,910 --> 00:00:45,120

u.s

19

00:00:49,910 --> 00:00:47,920

probe mission to venus in over 40 years

20

00:00:50,950 --> 00:00:49,920

with the probe acting as chemistry lab

21

00:00:52,630 --> 00:00:50,960

and photographer

22

00:00:54,310 --> 00:00:52,640

other cameras will map and gather

23

00:00:54,869 --> 00:00:54,320

additional views of the planet from

24

00:00:57,110 --> 00:00:54,879

above

25

00:00:59,750 --> 00:00:57,120

providing a new study of venus that has

26

00:01:02,150 --> 00:00:59,760

scientific implications well beyond our

27

00:01:04,549 --> 00:01:02,160

own solar system davinci plus will give

28

00:01:05,509 --> 00:01:04,559

us a new understanding of planetary

29

00:01:08,390 --> 00:01:05,519

evolution

30

00:01:08,789 --> 00:01:08,400

launching in 2029 three years will be

31

00:01:11,670 --> 00:01:08,799

spent

32

00:01:12,310 --> 00:01:11,680

exploring our celestial neighbor davinci