Dr. Nathalie Cabrol – Project Leader

SETI Carl Sagan Centre/NASA Ames

1
00:00:12,390 --> 00:00:09,910
the deployment of nasa's planetary lake

2
00:00:14,390 --> 00:00:12,400
lander on laguna negra in central chile

3
00:00:15,990 --> 00:00:14,400
is providing scientists the opportunity

4
00:00:18,950 --> 00:00:16,000
to develop and test equipment that may

5
00:00:20,550 --> 00:00:18,960
be used in future space exploration

6
00:00:21,830 --> 00:00:20,560
dr natalie cabroul leads an

7
00:00:23,509 --> 00:00:21,840
international research team

8
00:00:25,830 --> 00:00:23,519
investigating the stark and challenging

9
00:00:27,670 --> 00:00:25,840
conditions of this high altitude lake

10
00:00:30,390 --> 00:00:27,680
conditions that may parallel places

11
00:00:31,830 --> 00:00:30,400
elsewhere in our solar system

12
00:00:33,590 --> 00:00:31,840
the pll

13
00:00:36,470 --> 00:00:33,600

team is international

14
00:00:39,190 --> 00:00:36,480
it has members from the u.s from chile

15
00:00:40,150 --> 00:00:39,200
from spain from austria from south

16
00:00:42,150 --> 00:00:40,160
africa

17
00:00:44,389 --> 00:00:42,160
it's a really an international team and

18
00:00:46,310 --> 00:00:44,399
a multi-disciplinary team as well

19
00:00:48,869 --> 00:00:46,320
we need to bring up people from many

20
00:00:50,709 --> 00:00:48,879
different expertise for instance for the

21
00:00:53,189 --> 00:00:50,719
technology we need to have roboticists

22
00:00:55,110 --> 00:00:53,199
and engineers and people were capable of

23
00:00:57,750 --> 00:00:55,120
writing codes and developing adaptive

24
00:00:58,389 --> 00:00:57,760
systems but also we want to understand

25
00:01:03,189 --> 00:00:58,399
the

26
00:01:04,469 --> 00:01:03,199
so for that we are bringing in a

27
00:01:07,109 --> 00:01:04,479
biologist

28
00:01:08,710 --> 00:01:07,119
and you know microbiology covers such a

29
00:01:10,789 --> 00:01:08,720
wide range that we have people looking

30
00:01:12,950 --> 00:01:10,799
at dna we have people looking at algae

31
00:01:15,350 --> 00:01:12,960
we have people looking at bacterias and

32
00:01:17,590 --> 00:01:15,360
we also have students in this team and

33
00:01:23,350 --> 00:01:17,600
this is really important because this is

34
00:01:27,109 --> 00:01:25,190
for more information on these topics go