1
00:00:14,150 --> 00:00:11,509
in december 2011 high in the central

2
00:00:16,550 --> 00:00:14,160
andes of chile nasa scientists launched

3
00:00:18,390 --> 00:00:16,560
the prototype planetary lakelander

4
00:00:20,150 --> 00:00:18,400
a testing platform for the development

5
00:00:21,910 --> 00:00:20,160
of robots that are capable of making

6
00:00:24,310 --> 00:00:21,920
scientific decisions based on the data

7
00:00:26,150 --> 00:00:24,320
they collect

8
00:00:28,230 --> 00:00:26,160
dr natalie cabrol leads a team of

9
00:00:30,310 --> 00:00:28,240
researchers working on these smart

10
00:00:33,350 --> 00:00:30,320
robots which will expand our ability to

11
00:00:36,150 --> 00:00:33,360
search for life in the universe

12
00:00:38,069 --> 00:00:36,160
the focus of the planetary lake blender

13
00:00:39,350 --> 00:00:38,079

project is to

14
00:00:41,510 --> 00:00:39,360
develop

15
00:00:43,590 --> 00:00:41,520
a probe and exploration strategy that

16
00:00:45,270 --> 00:00:43,600
would apply to the exploration of the

17
00:00:47,430 --> 00:00:45,280
lakes of titan

18
00:00:50,549 --> 00:00:47,440
which is a moon of saturn but at the

19
00:00:52,869 --> 00:00:50,559
same time developing adaptive system

20
00:00:55,350 --> 00:00:52,879
smart robots that are capable of

21
00:00:56,310 --> 00:00:55,360
understanding change in the environment

22
00:00:58,229 --> 00:00:56,320
and

23
00:01:02,389 --> 00:00:58,239
integrate these in their mode of

24
00:01:06,149 --> 00:01:04,549
from studying earth we're learning more

25
00:01:08,469 --> 00:01:06,159
about mars we're also learning more

26
00:01:10,550 --> 00:01:08,479
about our own planet here and now

27
00:01:12,230 --> 00:01:10,560
and in doing so we are now developing

28
00:01:14,149 --> 00:01:12,240
technology that can help us also

29
00:01:16,070 --> 00:01:14,159
understand other legs in the solar

30
00:01:22,710 --> 00:01:16,080
system and these lags in the source

31
00:01:26,469 --> 00:01:24,630
for more information on these topics go