
FIRE PORT

1
00:00:12,789 --> 00:00:05,030
what is the most important experiment on

2
00:00:15,749 --> 00:00:14,230
uh

3
00:00:18,150 --> 00:00:15,759
nate there are two ways to answer that

4
00:00:19,750 --> 00:00:18,160
question from my point of view the most

5
00:00:21,590 --> 00:00:19,760
experiment important experiment on the

6
00:00:23,029 --> 00:00:21,600
space station right now is the one that

7
00:00:25,109 --> 00:00:23,039
i'm doing

8
00:00:27,750 --> 00:00:25,119
and the reason why is because if i don't

9
00:00:30,630 --> 00:00:27,760
do my part right the experiment probably

10
00:00:32,549 --> 00:00:30,640
will be a failure and so right now while

11
00:00:34,310 --> 00:00:32,559
i'm working here all the other members

12
00:00:36,870 --> 00:00:34,320
of the crew are working on their

13
00:00:38,709 --> 00:00:36,880

experiments chris is a chris cassidy is

14
00:00:40,950 --> 00:00:38,719
assembling one in the micro savvy

15
00:00:43,030 --> 00:00:40,960
microgravity science club box and you

16
00:00:44,709 --> 00:00:43,040
really want to focus and no matter what

17
00:00:46,549 --> 00:00:44,719
else is happening that is the most

18
00:00:48,389 --> 00:00:46,559
important thing of all

19
00:00:49,670 --> 00:00:48,399
but i think if you were just to come on

20
00:00:50,950 --> 00:00:49,680
board and think what is the most

21
00:00:52,630 --> 00:00:50,960
important one

22
00:00:54,549 --> 00:00:52,640
i think maybe right now it's the alpha

23
00:00:56,950 --> 00:00:54,559
magnetic spectrometer which is

24
00:00:59,110 --> 00:00:56,960
collecting energy from the universe it's

25
00:01:01,590 --> 00:00:59,120
collecting dark matter from the universe

26
00:01:04,310 --> 00:01:01,600
and just this week a person who won a

27
00:01:06,149 --> 00:01:04,320
nobel prize uh dr sam ting who's in

28
00:01:08,630 --> 00:01:06,159
charge of that experiment made a big

29
00:01:10,710 --> 00:01:08,640
announcement that they may have actually

30
00:01:12,630 --> 00:01:10,720
started to prove the existence of dark

31
00:01:14,469 --> 00:01:12,640
matter with that experiment that's on

32
00:01:16,310 --> 00:01:14,479
our space station that's really

33
00:01:17,670 --> 00:01:16,320
interesting it's not conclusive yet

34
00:01:19,590 --> 00:01:17,680
because it hasn't been there long enough

35
00:01:21,270 --> 00:01:19,600
to prove it but

36
00:01:23,429 --> 00:01:21,280
we think maybe we're starting to

37
00:01:25,749 --> 00:01:23,439
understand the basics of what the

38
00:01:27,749 --> 00:01:25,759

universe is made of and we can prove

39
00:01:29,510 --> 00:01:27,759
that we can figure that out because of

40
00:01:31,190 --> 00:01:29,520
the international space station so that