



This is Ames

DISCOVERY INNOVATIONS SOLUTIONS
75 YEARS

Ames

AMES RESEARCH CENTER | OCTOBER 18, 2014

1
00:00:00,000 --> 00:00:02,570

Young Woman: I can take your tickets down here!

2
00:00:02,590 --> 00:00:04,760

Narrator: As part of a celebration of its 75th

3
00:00:04,780 --> 00:00:07,870

anniversary, NASA's Ames Research Center recently

4
00:00:07,890 --> 00:00:10,010

hosted an Open House event for over

5
00:00:10,030 --> 00:00:12,660

120,000 visitors.

6
00:00:12,680 --> 00:00:15,340

It was the first time since 1997 that Ames

7
00:00:15,360 --> 00:00:18,050

welcomed the public into its world-class space and

8
00:00:18,070 --> 00:00:20,910

aeronautics research campus.

9
00:00:20,930 --> 00:00:22,550

S. Pete Worden: It gives me great pleasure

10
00:00:22,570 --> 00:00:24,320

to declare the gates open for the

11
00:00:24,340 --> 00:00:27,460

2014 NASA Ames Open House.

12
00:00:27,480 --> 00:00:28,730

Have fun!

13
00:00:28,750 --> 00:00:30,560

Narrator: The festivities started with a welcome

14
00:00:30,580 --> 00:00:33,300
from Ames Center Director Pete Worden, as well as

15
00:00:33,320 --> 00:00:36,120
comments from special guest, U.S. Congressional

16
00:00:36,140 --> 00:00:38,240
Representative Anna Eshoo.

17
00:00:38,260 --> 00:00:40,810
Rep. Anna Eshoo: NASA Ames is the epitome

18
00:00:40,830 --> 00:00:42,870
of great science.

19
00:00:42,890 --> 00:00:47,120
The scientists, the engineers, the technologists

20
00:00:47,140 --> 00:00:50,290
and the visionaries have made NASA Ames

21
00:00:50,310 --> 00:00:54,360
an epicenter of research, of innovation,

22
00:00:54,380 --> 00:00:58,570
of creativity and discovery in our nation.

23
00:00:58,590 --> 00:01:00,530
Narrator: Hundreds of exhibits lined the streets,

24
00:01:00,550 --> 00:01:02,770
allowing visitors to talk with researchers and

25
00:01:02,790 --> 00:01:05,410
volunteers to learn about the wide variety of

26

00:01:05,430 --> 00:01:08,010

programs and projects at Ames.

27

00:01:08,030 --> 00:01:10,380

Everything from advanced aircraft research to

28

00:01:10,400 --> 00:01:13,250

space biosciences to small satellite research

29

00:01:13,270 --> 00:01:15,010

was on display.

30

00:01:15,030 --> 00:01:16,620

Nicolas Borbolla: It's really cool to see what

31

00:01:16,640 --> 00:01:18,250

goes on behind the scenes of NASA, because you

32

00:01:18,270 --> 00:01:20,120

always hear about how they're sending the rover up

33

00:01:20,140 --> 00:01:21,320

to space and everything.

34

00:01:21,340 --> 00:01:23,460

And so finally seeing that in real life, in person,

35

00:01:23,480 --> 00:01:24,920

is something like I never thought I would

36

00:01:24,940 --> 00:01:25,690

be able to experience.

37

00:01:25,710 --> 00:01:27,190

It's awesome.

38

00:01:27,210 --> 00:01:29,300

Narrator: Some visitors participated in tours of a

39

00:01:29,320 --> 00:01:31,690

few of the research facilities.

40

00:01:31,710 --> 00:01:33,960

Among these included the home of one of the

41

00:01:33,980 --> 00:01:37,200

world's fastest supercomputers; the wind tunnels,

42

00:01:37,220 --> 00:01:40,140

one of which is the largest in the world;

43

00:01:40,160 --> 00:01:43,410

advanced flight simulators; air traffic control

44

00:01:43,430 --> 00:01:47,000

simulators and the Fluid Mechanics Labs, used to

45

00:01:47,020 --> 00:01:49,480

better understand the complexities of air flow

46

00:01:49,500 --> 00:01:53,560

around aircraft and other aerodynamic vehicles.

47

00:01:53,580 --> 00:01:55,930

One tour featured a rare opportunity to see the

48

00:01:55,950 --> 00:01:58,490

labs where robots are being tested to assist

49

00:01:58,510 --> 00:02:01,120

astronauts on the International Space Station,

50

00:02:01,140 --> 00:02:03,500

as well as advanced robots that might someday

51
00:02:03,520 --> 00:02:05,830
go to Mars and beyond.

52
00:02:05,850 --> 00:02:08,290
The media also joined the tours, looking at

53
00:02:08,310 --> 00:02:10,830
facilities such as the Arc Jet where atmospheric

54
00:02:10,850 --> 00:02:13,270
re-entry conditions are replicated for testing

55
00:02:13,290 --> 00:02:15,770
heat shield materials.

56
00:02:15,790 --> 00:02:18,680
Attendees gathered with Ames scientists to listen

57
00:02:18,700 --> 00:02:21,030
to presentations and ask questions about their

58
00:02:21,050 --> 00:02:23,020
cutting-edge research.

59
00:02:23,040 --> 00:02:26,010
Curious visitors and future scientists talked with

60
00:02:26,030 --> 00:02:28,770
Bill Borucki from NASA's Kepler Mission that

61
00:02:28,790 --> 00:02:31,260
proved the existence of thousands of planets

62
00:02:31,280 --> 00:02:33,790
outside of our solar system.

63
00:02:33,810 --> 00:02:36,480

Other participants in the event included NASA's

64

00:02:36,500 --> 00:02:39,490

Armstrong Flight Research Center, the California

65

00:02:39,510 --> 00:02:42,960

Air National Guard, the US Army and commercial

66

00:02:42,980 --> 00:02:45,930

partners from the NASA Research Park.

67

00:02:45,950 --> 00:02:49,640

Yanwei Lin: It really helps us understand how, you

68

00:02:49,660 --> 00:02:54,640

know, how an idea becomes reality.

69

00:02:54,660 --> 00:02:56,970

So, yeah, it's been great.

70

00:02:56,990 --> 00:02:58,680

It's been a great opportunity to see what

71

00:02:58,700 --> 00:03:00,350

you guys do.

72

00:03:00,370 --> 00:03:02,580

Narrator: The event was a family friendly way for

73

00:03:02,600 --> 00:03:05,380

NASA Ames to share its 75th anniversary

74

00:03:05,400 --> 00:03:08,530

celebration with space enthusiasts from the local

75

00:03:08,550 --> 00:03:09,990

community.

76

00:03:10,010 --> 00:03:12,330

Group of visitors cheering: Go NASA!!