Charles Bolden addressed celebrants at
the 44th annual Martin Luther King Jr.
commemorative service held at Ebenezer
Baptist Church in Atlanta who has
family ties in Atlanta says the
opportunity was an honor as I was
growing up although I never met Dr. King
in person my family members in Atlanta
who who knew him in the neighborhood and
everything they always talked about him
and what a what an inspirational person
he was and as I grew up he meant a lot
to me I you know I I read about him and

I listened to him on television and I

think I was moved every time I heard him

speak the theme of this year's

celebration was remember celebrate act a

mission still to fulfill competition of

thing there are these correct at

seventy-second the next three crew

members of the International Space

Station talked about their upcoming

mission aboard the orbiting laboratory

in a news conference from the Johnson

Space Center really the main reason that

we're up there is to conduct science and
now that we are at station complete our

goal is to get the 35 hours a week of

utilization or time working on

experiments so we plan on putting a lot

of time into that that's really the main

focus I'll be up there with Don Pettit

who is just phenomenal he's a genius and

he has a lot of great ideas so I'm

hoping I can piggyback on some of the

things that he's doing and bring those

back to the students that may be

watching nasa astronaut joe acaba and

russian cosmonauts gennady padalka and

sergei revin will continue to train

43
00:01:48,090 --> 00:01:52,920
ahead of their scheduled March 29th
launch aboard a soyuz spacecraft from
the baikonur cosmodrome in kazakhstan
acaba padalka and revin are three of the
sick
two members comprising expeditions 31
and 32 aboard the station they'll join
nasa astronaut don pettit russian
cosmonaut oleg kononenko and european
space agency astronaut andre kuipers
Goddard Space Flight Center financial
manager Matthew Ritz co was recently
treated to a White House visit where he
was personally congratulated by
President Obama as the winner of the
2011 presidential securing Americans

value and efficiency or save award

implementation has already begun of

RIT's goes money saving idea to

establish a NASA lending library for

sharing specialized tools across the

agency ritz go says the award was

special but his visit with the president

was priceless for me making the visit to

the White House was very humbling and it

was something I've always carry with me

for the rest of my life I don't think

many people have the opportunity to be

in that kind of a situation where you're
one on one at the present in the Oval Office I think it's something that's gonna be extremely memorable for me and my family for and highlight of my career exciting new findings about everything from the most remote galaxies in the universe to stars and planets right here in our cosmic neighborhood were announced at the annual meeting of the American Astronomical Society held this year in Austin Texas among the findings the discovery by NASA's Hubble Space Telescope of the farthest proto cluster of galaxies ever seen the cluster of
five tiny galaxies is about 13 point 1 billion light-years away and was seen as it appeared 13 billion years ago the discovery was made using Hubble's Wide Field Camera 3 these new images were captured by nasa's dawn spacecraft as it continues to orbit the rocky asteroid Vesta and collaboration between NASA's Chandra x-ray observatory and the National Science foundation-funded Atacama cosmology telescope and Chile has yielded the discovery of the largest galaxy clusters seen in the distant universe located more than 7 billion
light-years from

00:04:12,030 --> 00:04:17,608
the el gordo galaxy is hotter more

00:04:14,969 --> 00:04:20,189
massive and produces more x-rays than

00:04:17,608 --> 00:04:22,620
any other known cluster this winter

00:04:20,189 --> 00:04:24,719
gathering of the AAAS often call the

00:04:22,620 --> 00:04:27,600
super bowl of astronomy attracts

00:04:24,720 --> 00:04:30,510
thousands of astrophysicists educators

00:04:27,600 --> 00:04:32,689
students and journalists from around the

00:04:30,509 --> 00:04:32,689
world

00:04:36,129 --> 00:04:40,899
another of NASA's Space Shuttle main

00:04:38,769 --> 00:04:44,558
ingines is headed to Stennis Space

00:04:40,899 --> 00:04:46,538
Center this ssme is the third of fifteen

00:04:44,559 --> 00:04:50,800
being sent from the Kennedy Space Center

00:04:46,538 --> 00:04:52,748
to Stennis the RS 25 D engines which

00:04:50,800 --> 00:04:55,509
helped power space shuttles to orbit
during the 30 years shuttle program will be stored at Stennis for future use on NASA's new heavy-lift rocket the Space Launch System the SLS will carry the new Orion spacecraft cargo equipment and science experiments to space providing a safe affordable and sustainable means of reaching asteroids and other destinations in the solar system with the slide time to scream how they relate so then bill Gerstenmaier NASA's associate administrator for human exploration and operations was honored by the American Institute for
aeronautics and astronautics as the presenter of the von karman lectureship and astronautics in his lecture to the AIAS 50th aerospace sciences meeting in nashville Gerstenmaier towel at the International Space Station as a global outpost in space a platform for discovery the annual von karman lectureship award named for astronautics pioneer theodore von karman is given by the aiaa to an individual who has distinguished themselves technically in the field of astronautics NASA's James Webb Space Telescope has reached another
major milestone in its development the

last six out of 18 total primary mirror

segments and the secondary mirror that

will fly on the Webb telescope have

passed their final cold test completed

at the x-ray and cryogenic facility at

NASA's Marshall Space Flight Center a

10-week test series chilled the primary

mirror segments to minus 379 degrees

Fahrenheit during to test cycles

telecope engineers took extremely

detailed measurements of how the mirrors

shape changes as it cools cryo testing

verifies that the
will respond as expected to the extreme temperatures of space this test campaign has spanned over three and a half years and it has been a tremendous effort for the team to work through all of the difficulties associated with such a long and ambitious schedule teleoperated period starts teams command their robots to score as quickly as they can the 2012 FIRST Robotics season had its national kick off at southern New Hampshire University in Manchester first for inspiration and recognition of Science and Technology is a robotics building competition during which teams made up
of some 50,000 U.S. high school students and their professional mentors strive to meet a specific design challenge. Teams around the country attended local events to hear what their task is this season for their participation in the 2012 FIRST Robotics Competition. High school students from Maryland and Virginia met at Wallops Flight Facilities visitors center to learn about this year's robot challenge. I think that the game's gonna be really fun and challenging this year; they even put a shoe whole new level it's gonna make us think outside the box.
more I think it's amazing I think every year it gets harder and it challenges the students more and more and I love that I love what they come up with first competition is not only about computers and robots it's also about learning to work with others in a team environment in the spirit of cooperation they're all expected to work together and help each other find the solutions to problems to work out any problems they might encounter it doesn't matter if you're playing a game you know with them or against them
it's still you know you're all hanging out having a good time and not really getting mad at each other for anything several local teams will build and use robots to compete against other teams from the mid-atlantic region with the winners moving to the Nationals this April in St. Louis it's high energy here in Cleveland Ohio over 100 high school students receive their assignments and picked up their kit of parts a common set of parts to build a robot and only six weeks in preparation for the upcoming high-tech FIRST Robotics
Competition March 22nd through 24th at

the wolstein center in Cleveland Ohio

really the whole purpose is to get kids

and high school level in and other ages involved and inspire to do science

and technology you don't have to be a rocket scientist and supplement that the BSR robotics anybody can be as our bodies if you like working hard and trying new things don't be intimidated

if you of math and science or if you have any interested at all this isn't an opportunity you should miss and there's nothing else like it out there 12 high school student teams from Alabama and
Tennessee received materials for building their robots during the first kick off at Calhoun Community College in Decatur, Alabama. The team was given the same kit that includes motors, batteries, a control system, a small personal computer, and a mix of automation components but no instructions. The teams were shown the new Rebound Rumble game playing field for which they are design-build program and test their robots all within six weeks. Their first regional competition will take place in March. I'm very pleased to present to
Stennis Space Center this plaque attesting to the fact that you are indeed one of the very best places to work representatives of the partnership for public service visited Southern Mississippi to present director Patrick shireman with an award citing Stennis Space Center as one of the best places to work in the federal government a recent survey released by the nonprofit nonpartisan organization once again placed Stennis at number five of the best government facilities to be employed and among
NASA's 10 centers number one former NASA astronaut Mae Jemison the first African American woman in space recently led a Hollywood delegation on a visit to the Johnson Space Center. Actors Terrence Howard, Nate Parker, and David A. Yost were accompanied by director Anthony Hemingway who were in Houston to promote their new movie, "Red Tails." This film celebrates the heroic exploits of the Tuskegee Airmen, America's all-black contingent of World War Two pilots. The group met several astronauts and torque several of JSC's astronaut training.
six years ago on January 15, 2006, the return capsule from NASA's Stardust spacecraft landed in the Utah desert, completing its 2.9 billion mile round-trip journey to collect dust. Samples from the tail of comet Vilna to research done on these particles gathered from the capsules' aerogel collector revealed surprises including the samples' closer resemblance to a meteorite from an asteroid than that of an ancient comet. Stardust is the first spacecraft to make it back to Earth with cometary dust particles in tow.
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