this week at NASA what we have to do is
move forward in a way that preserves the
very best of NASA but recognizes that
what we have invested in can now be done
in partnership with others and the
others have a lot to bring to the table
as well NASA deputy administrator lori
garver provided keynote remarks this
year's international symposium for
personal and commercial spaceflight held
in Las Cruces New Mexico with business
at the speed of innovation the
conference theme Garver focused on
NASA's vision for future exploration and
a strong commercial space capability that will spur job creation and strengthen the country's economy Greg Whitney Tomas gonzalez-torres and Jud Freeling share a special distinction there NASA's newest flight directors in Mission Control at the Johnson Space Center in Houston they'll help manage international space station operations integrate cargo and crew vehicles and assist in planning future exploration missions Whitney Gonzales Torres and freelan have 40 years of combined experience at NASA if the past is any
indication science research on the now

complete International Space Station the

world's only laboratory in microgravity

will continue to improve life here on

earth one success story the advanced

astra culture investigation by a team at

the university of Wisconsin-Madison

their research conducted during three

station expeditions will help create

high energy low mass food sources in

limited volume for both long-duration

spaceflight and here on terra firma

among other contributions their

technology behind add vast novel air
purifier that kills ninety-eight percent

of airborne pathogens is now in widespread use in food preservation and doctors offices and everyday living environments.

Mars exploration rovers spirit and opportunity have been honored with Popular Mechanics mechanical lifetime achievement award for their dogged pursuit of exploration on the red planet.

The 2011 breakthrough awards were presented to the rover team at an invitation-only awards gala and ceremony in New York. Other awardees included Fame, director, and former NASA advisory.
council member james cameron who received the breakthrough leadership award for technological innovations that have changed the face of filmic more on the awards and they're winners is in the November issue of Popular Mechanics governor you're officially on now he's on campus florida governor rick scott and lieutenant governor jennifer count visited the kennedy space center center Director Bob Cabana led them on a tour of Kennedy's operations and check-out building where NASA's new Orion multi-purpose crew vehicle will be
preparing for lunch Scott and Carol also

visited launch complex 41 Cape Canaveral

Air Force Station from where SpaceX's

Falcon 9 rocket will lift off for the

International Space Station on a test

flight for NASA the state's top

officials also held a Florida cabinet

meeting & space industry roundtable at

the kennedy space center visitor complex

and now centerpieces

Virginia Governor Bob McDonnell paid a

visit to NASA's Wallops Flight Facility

for a first-hand look at the development

of orbital sciences corporations
tourists to rocket that will start

Space Station in 2012 orbital will be conducting missions for NASA under the agency's commercial orbital transportation services project and commercial resupply services contract during the visit the governor also received a construction update on the mid-atlantic regional spaceport launch pad 0a from which the tourist too will launch the first torch to launch is currently slated for early 2012 Virginia's taken a kind of a renewed
interest and everything that's going on

at Wallops I think it was a good a good

opportunity for him to came in and kind

of tour facilities we have here and just

just see what all is taking place here

at Wallops just wonder where what it

means and where it is and for the

interesting what's getting the attention

of passers-by in Baltimore's Inner

Harbor is a unique art exhibit that's

literally lighting up this tourist

destination like a laser chef yeah and

now idea with some beautiful painting or

scientific at all but it is science the

green line represents the different
kinds of information NASA's Hubble Space Telescope gets when it looks out into the cosmos the real true physics that allow astronomers to understand what the object is all about we learn about the temperature the physical conditions will learn about their missions after decades of seeing the beautiful pictures from Hubble artist tim roth wanted to shine a new light on the 21 year old newsmaker this is the job of art is really not to explain immediately is more really to to puzzle people so so the people are standing there and say oh
what's that so under the people get

interested while rock knows many who

walk by think the display on the wall of

the Maryland Science Center looks like a

heartbeat he says it is in a way but

it's the heartbeat of the universe I

just want to say that we are we're all

big space nuts we're all one the space

program to continue and we have to keep

exploring singer and musician Peter

Frampton toward the Johnson Space Center

at the invitation of expedition 28

astronaut Ron Garan Frampton visited the

Mission Control Center where he spoke
with astronaut Mike Fossum aboard the International Space Station the guys don't believe you're actually in space so can you prove it to us Frampton stops included astronaut training facilities and watching engineers developing vehicles to explore the surfaces of distant planets asteroids or moons Frampton and Garen corresponded while Garin lived on the space station during expedition 28 Darren came alive at frampton's August concert in San Francisco via a special downlink from space the year-long celebration of
Stennis Space Center's 50th anniversary

continues it was 1961 when NASA announced its plans to build a rocket engine test facility in South Mississippi. Stennis is rich history and rolled in the future of space exploration was sighted at a center event by NASA Administrator Charlie Bolden one of these days when my granddaughter's grand bird is gonna be able to tell them I'm comfortable with what you're about I know the engines are...
going to be good because of been through

Stennis and they've been through the state of Mississippi so thank you all so

very much for rhythm dude god bless all

of you the center held the final round of its legends lecture series

influential former employees and contractors join current employees in sharing experiences and contributions

should have played a vital role in the center's development this this whole force doesn't matter what mad you or who

you were was I can do outfit there was

nothing that you couldn't take on and
and wouldn't take on and couldn't come

fish three two one we have ignition and

liftoff of a delta 2 rocket carrying

NASA on an odyssey back to Mars 10 years ago on March 24 2001 the odyssey spacecraft reached Mars to study and map the elemental composition of the Martian surface and evaluate the red planet's radiation environment Odyssey also has served as a communication relay for most of the data sent home by the Phoenix lander and the Mars rovers spirit and opportunity it also became the middle link for continuous observation of.
Martian weather by NASA's Mars Global Surveyor and the Mars Reconnaissance Orbiter in 2010 Odyssey became the longest-serving spacecraft at the red planet and five years later NASA released the solar terrestrial relations Observatory into the heavens to stereographically image the Sun and its emissions they're two identical space-based observatories stereo a and stereo b orbit the Sun one ahead of the other trailing this dual perspective allows scientists to better see the structure and evolution of solar.
storms as they move from the Sun into space.

and that's this week @nasa for more on these and other stories log on to www.nasa.gov.