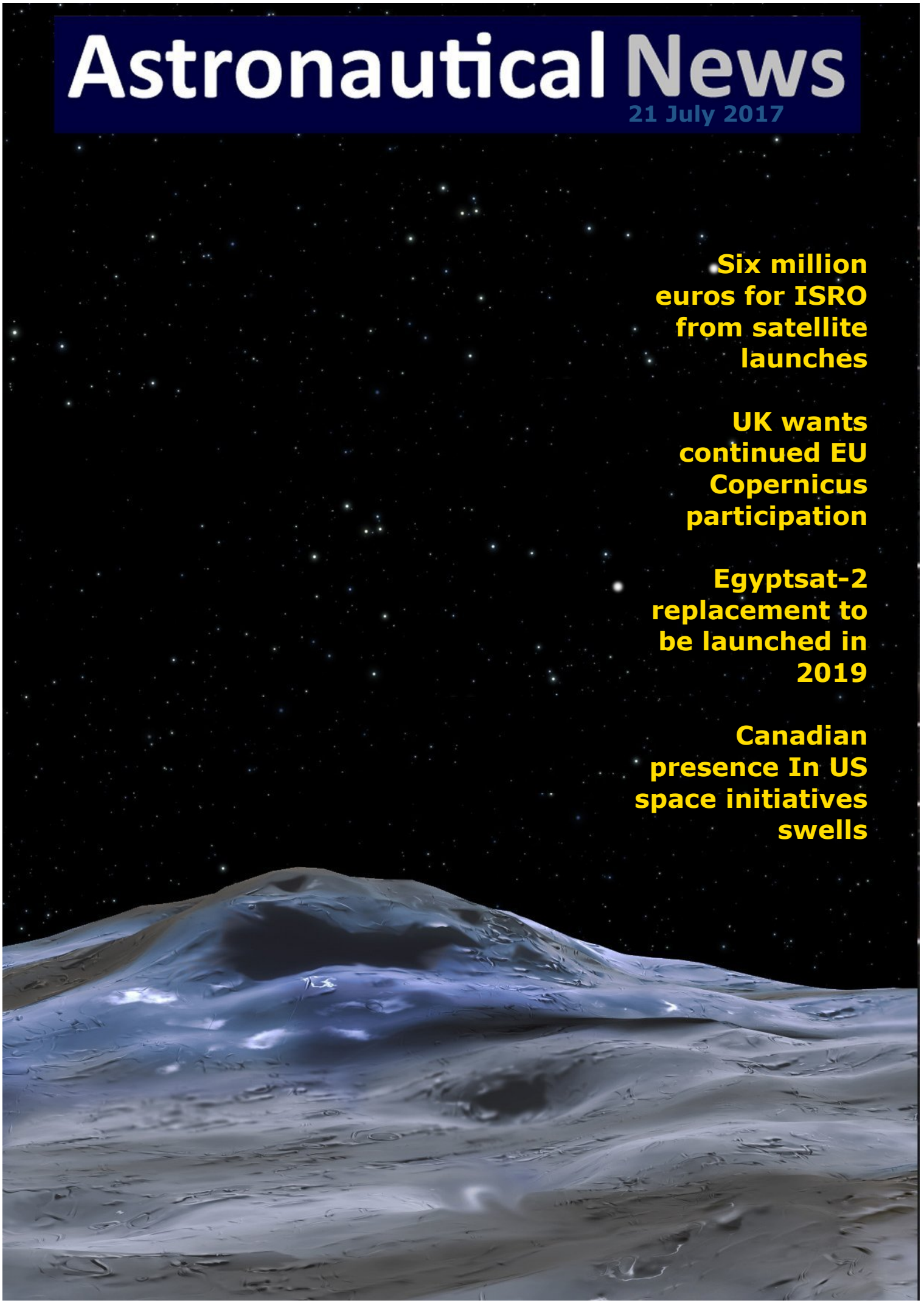
Astronautical News

21 July 2017



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In cooperation with
The British Interplanetary Society

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Netherlands and Norway join forces in space The Netherlands and Norway are going to conduct scientific research in the field of space. It concerns matters that are relevant to military operations. The focus is on designing a 'space demonstrator' using a small satellite.

New company seeks to shake-up satellite launch industry Relativity - a stealth-mode startup wants to re-imagine the way orbital rockets are built and flown says its CEO

Russia's new 'star' satellite is making skygazers see red An experimental Russian satellite is about to become the third brightest object in our sky - behind only the Sun and Moon - in a move that has astronomers seeing red.

Six million euros for ISRO from satellite launches ISRO has earned six million euros by launching 29 nano satellites from 14 countries in a PSLV rocket launch in June this year, the Indian government said.

UK wants continued EU Copernicus participation The UK has given the clearest statement yet of its desire to stay within the European Union's Copernicus Earth observation programme after Brexit.

Canadian presence In US space initiatives swells Vancouver's MacDonald, Dettwiler and Associates is making inroads in satellite-servicing markets once dominated by U.S. companies.

NASA communications satellite damaged three weeks before launch NASA's newest, slickest communications satellite has been damaged, just three weeks before its planned August launch. NASA said that one of the antennas on the Tracking and Data Relay Satellite, or TDRS-M (T-driss-M), was damaged on 14 July. The accident occurred inside a payload processing building near Cape Canaveral as the satellite was being packed for launch.

Commercial satellite work fuels growth of government business Space company MacDonald, Dettwiler and Associates has made a new bet on in-orbit satellite servicing and its ongoing programme for the US Defense department.

Heinrich Hertz satellite shows military reluctance to expand commercial satcom The German government's decision to contract for a new telecommunications satellite is the latest example of governments' continued reluctance to outsource satellite telecommunications to the private sector. It will also likely mean reduced purchases of commercial satellite services as the Bundeswehr moves more of its requirements to the government-owned Heinrich Hertz satellite. The formal go-ahead for Heinrich Hertz, which has been debated for several years inside the German government before being approved by the German parliament, was confirmed on June 28.

Russia orbits forest fire monitoring satellite The Kanopus-V-IK forest fire monitoring satellite was delivered into its designated orbit, Roscosmos reported.

Egyptsat-2 replacement to be launched in 2019 The launch of the Egyptsat-A satellite is scheduled for 2019, Deputy Chief Executive Officer of Russia's RSC Energia corporation Alexander Derechin said.

Luxembourg Adopts Space Resources Law The government of Luxembourg has passed a bill giving companies the rights to space resources they extract from asteroids or other celestial bodies.

Orbital loses bid to stop DARPA satellite-servicing project Spaceflight provider Orbital ATK lost a bid to stop DARPA from partnering with a competing company to demonstrate in-space satellite-servicing technology.

Recent Launch Activities

Soyuz carrier rocket blasts off From Baikonur A Russian Soyuz-2.1a rocket blasted off from Baikonur Cosmodrome. The rocket is delivering over 70 satellites to Earth's orbit, including the Kanopus-V-IK orbiting spacecraft equipped with Earth-viewing cameras to map the planet in colour to aid emergency responders, crop managers and environmental scientists.
(18 July 2017)

Russia orbits forest fire monitoring satellite The Kanopus-V-IK forest fire monitoring satellite was delivered into its designated orbit, Roscosmos reported.
(17 July 2017)

SpaceX rocket finally lifts off after two aborted launch attempts After two aborted attempts and a three-day delay, SpaceX successfully sent a communications satellite soaring toward orbit.
(6 July 2017)

Ariane 5 rocket tallies 80th straight success with on-target satellite launch Two geostationary communications satellites rode an Ariane 5 rocket into orbit on 28 June from French Guiana, embarking on missions to broadcast television across Europe, the Middle East and Africa, link European air travellers with Wi-Fi, and relay video and data signals across India. The tandem satellite launch marked Arianespace's seventh mission of 2017, deploying a spacecraft shared by the Greek and Cypriot operator Hellas- Sat and London-based Inmarsat and a payload built and owned by the Indian Space Research Organisation.
(30 June 2017)

Development Activities

NASA'S first asteroid deflection mission enters next design phase The first-ever mission to demonstrate an asteroid deflection technique for planetary defence - the Double Asteroid Redirection Test (DART) - is moving from concept development to preliminary design phase, following NASA's approval on June 23.
(8 July 2017)

Russian devices for ExoMars mission to be ready late 2017 Two Russian devices to be mounted on the Mars rover of the ExoMars 2020 mission are nearly ready, by the end of 2017 they will be supplied to the European Space Agency, head of the Russian Academy of Sciences' Space Research Institute laboratory Daniil Rodionov told Sputnik.
(4 July 2017)

Rocket failure may delay China's space station and moon missions The second rocket failure in two weeks is likely to cause delays for China's ambitious space programme whilst the causes are under investigation
(4 July 2017)

Chinese media report Long March 5 rocket failed soon after launch The launch of China's March-5 Y2 rocket has failed as the satellite failed to enter the preset orbit. At 7.5 tones, the spacecraft was the heaviest China has ever launched. According to state-run media, Shijian-18 was to test China's new Dongfanghong-5 (DFH- 5) satellite platform and carry out in-orbit experiments including Q/V band satellite communication, satellite-ground laser communication technologies and an advanced Hull electric propulsion system.
(2 July 2017)

LISA Gravitational-Wave Observatory Selected as ESA L3 Mission In a meeting on 20 June 2017 ESA's Science Programme Committee selected the space- based gravitational-wave detector "Laser Interferometer Space Antenna" (LISA) for ESA's third large (L3) mission in the "Cosmic Vision" plan.
(1 July 2017)

Modified Proton-M carrier rocket to be first launched in 2019 The first launch of the new modification of the Proton-M carrier rocket will be conducted in 2019, the press service of Russia's Roscosmos State Space Corporation said. The Proton-M is the largest carrier rocket in Russia's fleet of space launch vehicles. The rocket has lifted dozens of Russian and foreign satellites into orbit since it was first commissioned into service in 2001.
(29 June 2017)

OneWeb inaugurates serial production line European aerospace giant Airbus and its partner, OneWeb, have begun the production of a satellite mega-constellation. The network will comprise at least 600 spacecraft in the first instance, but could eventually encompass more than 2,000. The aim is to deliver broadband links from orbit to every corner of the globe. The assembly line in Toulouse willto begin end-to-end validation, testing, and integration of its first satellites set for launch in just over nine months.
(28 June 2017)

Green light for European space telescope PLATO On 20 June 2017, the European Space Agency (ESA) gave the go-ahead for the further development of the PLATO space telescope. The German Aerospace Center (Deutsches Zentrum für Luft-und Raumfahrt; DLR) is leading the international consortium responsible for the construction and scientific operation of the space telescope.
(27 June 2017)

ISS Activities

US spy satellite buzzes ISS Vigilent amateur satellite observers keep tabs on a recently launched US spy satellite that is getting a little to close to the ISS for comfort
(13 June 2017)

NanoRacks deploys CubeSats from Cygnus spacecraft NanoRacks said that it successfully deployed four Spire LEMUR-2 CubeSats from Orbital ATK's Cygnus spacecraft at a nearly 500-kilometre orbit.
(12 June 2017)

John Glenn Cygnus departs ISS begins secondary mission Orbital ATK reports that its Cygnus spacecraft successfully unberthed from the International Space Station, beginning the next phase of its mission before it reenters Earth's atmosphere. The "S.S. John Glenn" now conducts three secondary payload missions including the Saffire-III fire experiment, deployment of four CubeSats and an experiment to further study spacecraft conditions upon
(7 June 2017)

Thomas Pesquet returns to Earth ESA astronaut Thomas Pesquet landed on the steppe of Kazakhstan today with Russian commander Oleg Novitsky in their Soyuz MS-03 spacecraft after six months in space. Touchdown was after a four-hour flight from the International Space Station.
(2 June 2017)

Russia thinks microorganisms may be living outside the space station Officials with Russia's space agency, Rosmoscos, say their scientists have identified plankton and other microorganisms among dust samples collected from the outside of the International Space Station. "The micrometeorites and comet dust that settle on the ISS surface may contain biogenic substance of extra-terrestrial origin in its natural form," Roscosmos officials said in a news release.
(29 May 2017)

Space Tourism

Virgin Galactic Aims to Fly Space Tourists in 2018, CEO Says Richard Branson's Virgin Galactic is on track to begin commercial passenger spaceflights before the end of 2018, the company's chief executive said.
(1 May 2017)

ESA drives to move past Galileo clock issue The European Space Agency says its well on the way to a full constellation of 24 operational satellites, the continuing renewal of which would probably require an average two satellites to be launched every year.
(14 July 2017)

World's first demonstration of space quantum communication using a microsatellite The National Institute of Information and Communications Technology of Japan who developed the world's smallest and lightest quantum-communication transmitter (SOTA) onboard the microsatellite SOCRATES, have succeeded in the demonstration of the first quantum-communication experiment from space.
(12 July 2017)

OneWeb vouches for high reliability of its deorbit system Satellite broadband startup OneWeb says no other system on its low-Earth orbit satellites will be built for higher reliability than the deorbit module it is including to prevent the creation of space debris.
(12 July 2017)

Satellites see giant iceberg split from Antarctic One of the biggest icebergs ever recorded has just broken away from Antarctica. A US satellite observed the berg while passing over a region known as the Larsen C Ice Shelf. An infrared sensor on the American space agency's Aqua satellite spied clear water in the rift between the shelf and the berg.
(12 July 2017)

India plans to roll out national GPS in 2018 The Indian Space Research Organisation is set to offer GPS from its own navigation system for mobile users from next year, aiming to make it more accurate than foreign competitors' products.
(8 July 2017)

Europe's Galileo satnav identifies problems behind failing clocks Investigators have uncovered the problems behind the failure of atomic clocks onboard satellites belonging to the beleaguered Galileo satnav system, the European Commission said. For months, the European Space Agency - which runs the programme - has been investigating the reasons behind failing clocks onboard some of the 18 navigation satellites it has launched for Galileo.
(5 July 2017)

Satellite image project that helps spot and stop slavery sites from space A crowdsourcing project at the University of Nottingham, England which aims to - via satellite imagery - identify notorious sites that could be involved in modern slavery globally, has attracted a number of online volunteers.
(4 July 2017)

Space junk colution? Tiny cubesat to test new de-orbiting thruster A tiny satellite that reached orbit will make history when it comes back down to Earth.
(3 July 2017)

Satellite image showcases centuries of desertification in India A new image from the European Space Agency's Copernicus Sentinel-2A satellite showcases the extreme aridity of India's Thar Desert. Geologic and archaeological analysis suggests the region, which encompasses more than 123,000 square miles in India and Pakistan, was once green and lush. Centuries of farms have depleted water resources and taxed the soil, slowly drying out the land.
(24 June 2017)

Global nanosatellite market anticipated to reach $6.35 billion by 2021 According to a new market intelligence report, the global market is expected to reach $6.35 billion by 2021, growing at a CAGR of 37.91% during the forecast period. With the emergence of space technologies, which enable satellites to operate under harsh space environment, it has become easier to carry out cost-effective space missions.
(23 June 2017)

Magnetic space tug could target dead satellites Derelict satellites could in future be grappled and removed from key orbits around Earth with a space tug using magnetic forces.
(21 June 2017)

Quantifying the effects of climate change Last year was the hottest on record, Arctic sea ice is on the decline and sea levels continue to rise. In this context, satellites are providing us with an unbiased view of how our climate is changing and the effects it is having on our planet.
(6 June 2017)

China launches advanced satellite navigation positioning system China has launched a national satellite navigation and positioning system, the largest in the country Li Weisen, deputy director of the National Administration of Surveying, Mapping and Geoinformation, said that the system consists of 2700 base stations, a national database centre and 30 provincial level database centres. The system, featuring faster speed, higher accuracy and wider coverage, will be compatible with other satellite navigation systems, such as BeiDou.
(29 May 2017)

Russia aims for 15 remote sensing satellites in orbit by 2020 Russian President Vladimir Putin stated that the remote sensing technologies must be used to boost the Russian defense and security, develop the economy and social sphere, and increase the quality of the state's governance. The number of operating Russian remote sensing satellites orbiting the Earth will reach 15 by 2020, Russian President Vladimir Putin said.
(25 May 2017)

New nano-satellite fleet starts launch in June An Australian-backed company is to launch the first three of a planned fleet of 200 new nano-satellites in the third week of June. Sky and Space Global (SAS) says the satellites will provide affordable communication services to those who are currently underserved across the equatorial belt.
(18 May 2017)

Novel use of satnav saves precious water Water conservation is a growing concern globally, and particularly for farmers in the USA, where decades of irrigating huge fields has depleted vital resources of fresh surface water and groundwater. An ESA spin-off that can help to preserve water supplies while guaranteeing crop irrigation is now undergoing final testing.
(15 May 2017)

Iridium deploys first 10 Next satellites Iridium Communications has integrated the first set of its Next satellites into the existing operational constellation to improve communications for shipping. This followed a rigorous testing and validation process of the 10 satellites in orbit.
(11 May 2017)

New look at satellite data questions scale of China's afforestation success China has invested more resources than any other country in reversing deforestation and planting trees. However, given the large scale of these programmes it has been difficult to quantify their impact on forest cover. A new study shows that much of China's new tree cover consists of sparse, low plantations as opposed to large areas of dense, high tree cover.
(8 May 2017)

Satellites track Antarctic ice loss over decades Over two decades of observations by five radar satellites show the acceleration of ice loss of 30 glaciers in Western Palmer Land in the southwest Antarctic Peninsula.
(3 May 2017)

Space debris problem getting worse, say scientists Scientists sounded the alarm over the problems posed to space missions from orbital junk - the accumulating debris from mankind's six-decade exploration of the cosmos. In less than a quarter of a century, the number of orbiting fragments large enough to destroy a spacecraft has more than doubled, a conference in Germany heard.
(19 April 2017)

ESA helps faster cleaner shipping With around 90% of world trade carried by ships, making sure a vessel follows the fastest route has clear economic benefits. By merging measurements from different satellites, ESA is providing key information on ocean currents, which is not only making shipping more efficient but is also helping to reduce carbon dioxide emissions.
(18 April 2017)

First close-ups of Jupiter's Great Red Spot from Juno flyby The closest-ever observations of our solar system's biggest storm could tell us how deep into Jupiter it extends and how it has continued to rage for centuries
(13 July 2017)

Hubble Telescope captures stars forming just after the Big Bang Paired with a cosmic magnifying glass, NASA's Hubble Space Telescope has revealed insight into star formation in the early universe.
(9 July 2017)

SES transfers capacity from AMC-9 satellite following significant anomaly SES has announced that, following a significant anomaly, the company is in the process of transferring capacity from its AMC-9 satellite. The incident was noted on the morning of Saturday 17 June 2017. SES has taken immediate action in contacting all customers and is working to transfer services to alternative satellite capacity in order to minimise disruption.
(7 July 2017)

Artificial brain helps GAIA catch speeding stars With the help of software that mimics a human brain, ESA's Gaia satellite spotted six stars zipping at high speed from the centre of our galaxy to its outskirts. This could provide key information about some of the most obscure regions of the Milky Way.
(7 July 2017)

NASA releases Kepler Survey Catalog with hundreds of new planet candidates NASA's Kepler space telescope team has released a mission catalogue of planet candidates that introduces 219 new planet candidates, 10 of which are near-Earth size and orbiting in their star's habitable zone, which is the range of distance from a star where liquid water could pool on the surface of a rocky planet.
(20 June 2017)

The future of the Orion constellation A new video, based on measurements by ESA's Gaia and Hipparcos satellites, shows how our view of the Orion constellation will evolve over the next 450 000 years. Stars are not motionless in the sky: their positions change continuously as they move through our Galaxy, the Milky Way.
(17 June 2017)

A whole new Jupiter: First science results from NASA's Juno mission Early science results from NASA's Juno mission to Jupiter portray the largest planet in our solar system as a complex, gigantic, turbulent world, with Earth-sized polar cyclones, plunging storm systems that travel deep into the heart of the gas giant.
(26 May 2017)

Juno spacecraft has close encounter with Jupiter's cloud tops in sixth flyby Juno skimmed the cloud tops of Jupiter at a range of just 3,500 kilometres during its close approach, NASA officials said The manoeuvre marked the sixth time the Juno probe's orbit has brought it up close with Jupiter.
(21 May 2017)

LIGO could detect gravitational waves' permanent space-time warp When gravitational waves permanently distort space-time, it causes a 'memory signal' which may help LIGO find some of the universe's most exotic objects
(20 May 2017)

Fermi satellite observes billionth gamma ray with LAT instrument On April 12, one of the spacecraft's instruments - the Large Area Telescope (LAT), which was conceived of and assembled at the Department of Energy's SLAC National Accelerator Laboratory - detected its billionth extraterrestrial gamma ray.
(15 May 2017)

Astrophysicists find that planetary harmonies around TRAPPIST-1 save it from destruction When NASA announced its discovery of the TRAPPIST-1 system back in February it caused quite a stir, and with good reason. Three of its seven Earth-sized planets lay in the star's habitable zone, meaning they may harbour suitable conditions for life. But one of the major puzzles from the original research describing the system was that it seemed to be unstable.
(14 May 2017)

First results from Jupiter probe show huge magnetism and storms Observations from the Juno spacecraft are confounding astronomers with revelations about the weather and magnetism of our solar system's biggest planet
(5 May 2017)

Cassini radio signal from Saturn picked up after dive The Cassini spacecraft is sending data back to Earth after diving in between Saturn's rings and cloudtops. The probe executed the daredevil manoeuvre on Wednesday - the first of 22 plunges planned over the next five months - while out of radio contact.
(27 April 2017)

NASA's Cassini, Voyager missions suggest new picture of Sun's interaction with galaxy New data from NASA's Cassini mission, combined with measurements from the two Voyager spacecraft and NASA's Interstellar Boundary Explorer, or IBEX, suggests that our sun and planets are surrounded by a giant, rounded system of magnetic field from the sun - calling into question the alternate view of the solar magnetic fields trailing behind the sun in the shape of a long comet tail.
(26 April 2017)

China's first cargo spacecraft docks with space lab China's first cargo spacecraft, Tianzhou-1, successfully completed docking with an orbiting space lab, the Beijing Aerospace Control Center said.
(24 April 2017)

Gaia's snapshot of another galaxy While compiling an unprecedented census of one billion stars in our Galaxy, ESA's Gaia mission is also surveying stars beyond our Milky Way. A new image of M33, also known as the Triangulum galaxy, shows tens of thousands of stars detected by Gaia, including a small stellar census in its star-forming region NGC 604.
(24 April 2017)

Cassini probe heads towards Saturn 'grand finale' Cassini has used a gravitational slingshot around Saturn's moon Titan to put it on a path towards destruction. The flyby swept the probe into an orbit that takes it in between the planet's rings and its atmosphere. This gap-run gives the satellite the chance finally to work out the length of a day on Saturn, and to determine the age of its stunning rings. But the manoeuvre means also that it cannot escape a fiery plunge into Saturn's clouds in September.
(22 April 2017)

NASA and partners survey space weather science NASA scientists worked with scientists and engineers from research institutions and industry during a pair of intensive week-long workshops in order to assess the state of science surrounding this type of space weather.
(22 April 2017)

Saturn moon 'able to support life' Saturn's ice-crusted moon Enceladus may now be the single best place to go to look for life beyond Earth. The assessment comes on the heels of new observations at the 500km-wide world made by the Cassini probe. It has flown through and sampled the waters from a subsurface ocean that is being jetted into space. Cassini's chemistry analysis strongly suggests the Enceladean seafloor has hot fluid vents - places that on Earth are known to teem with life.
(14 April 2017)

New Horizons spacecraft enters hibernation The New Horizons spacecraft has entered hibernation, reported by Johns Hopkins University Applied Physics Laboratory.
(13 April 2017)

Milky Way stars on the move - satellite data used to see into the future The motion of 2 million stars over the course of 5 million years into the future is depicted in this new animation from the European Space Agency. Data from their Gaia Mission was used to create it.
(13 April 2017)

Metal detected in Mars' Atmosphere NASA's MAVEN spacecraft has spotted iron, magnesium and sodium ions ??electrically charged atoms - high up in the Red Planet's atmosphere over the past two years, a new study reports.
(12 April 2017)

Cassini prepares for last plunge NASA's unmanned Cassini spacecraft is preparing for its final plunge into Saturn later this year, after two decades of helping Earth-bound scientists make new discoveries about the sixth planet from the Sun and its mysterious rings.
(8 April 2017)

NASA observations reshape basic plasma wave physics When NASA's Magnetospheric Multiscale - or MMS - mission was launched, the scientists knew it would answer questions fundamental to the nature of our universe - and MMS hasn't disappointed. A new finding, presented in a paper in Nature Communications, provides observational proof of a 50-year-old theory and reshapes the basic understanding of a type of wave in space.
(6 April 2017)

Prolific Mars Orbiter Completes 50,000 Orbits The most data-productive spacecraft yet at Mars swept past its 50,000th orbit this week, continuing to compile the most sharp-eyed global coverage ever accomplished by a camera at the Red Planet. In addition, the spacecraft - NASA's Mars Reconnaissance Orbiter (MRO) - recently aided preparations for NASA's next mission to Mars, the InSight lander.
(3 April 2017)

NASA orbiter shows Mars lost 90 per cent of its CO2 to space The MAVEN spacecraft has completed the key part of its mission: to track down how much argon Mars's atmosphere is giving up as a proxy for carbon dioxide loss
(2 April 2017)

ExoMars: Rover scientists to study Mawrth Vallis option Scientists are going to investigate a second site on Mars as a possible destination to send ESA's 2021 rover. Scientists spent two days considering the options and plumped in the end for Mawrth Vallis - an area rich in clay minerals that must have formed during prolonged rock interactions with water. Mawrth joins Oxia Planum, which was selected for study in 2015.
(29 March 2017)

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(18 July 2017)

Ghana launches satellite into orbit Ghanasat-1 was released from the International Space Station, nearly a month after its launch from the Kennedy Space Center on Elon Musk's SpaceX flight 11.
(10 July 2017)

Russia to carry out five launches from Vostochny Space Centre in 2018 Russia will conduct five launches from the Vostochny space center in Russia's Far East in 2018, Deputy Prime Minister Dmitry Rogozin told Sputnik. Vostochny is expected to reduce Russia's dependency on the Baikonur space centre in Kazakhstan. Baikonur is on lease to Russia until 2050.
(8 July 2017)

Japan reveals plans to put astronaut on moon by 2030 Japan has revealed ambitious plans to put an astronaut on the Moon around 2030 in new proposals from the country's space agency. This is the first time the Japan Aerospace Exploration Agency (JAXA) has said it aims to send an astronaut beyond the International Space Station, an agency spokeswoman told AFP.
(3 July 2017)

Launch of Hellas Sat 3 satellite brings Cyprus into the space era The launch of the Hellas Sat 3 satellite, the biggest European telecommunication satellite, promotes Cyprus into the space era and more specifically in space technology, Minister of Transport, Communication and Works Marios Demetriades has told CNA. Demetriades, who attended the launch of the satellite at the European Space Station of Kourou, in the French Guiana, said that the Hellas Sat 3 satellite will bring many benefits for Cyprus.
(2 July 2017)

President Trump Re-Establishes National Space Council U.S. President Donald Trump signed a long-awaited executive order June 30 re- establishing the National Space Council.
(1 July 2017)

India, Portugal shake hands on space cooperation Indian Prime Minister Narendra Modi during his visit to Lisbon agreed with Portuguese authorities on creation of alliance to advance space research, the Indian Foreign Ministry said in a statement. India, Portugal sing a memorandum of understanding (MoU) on cooperation in the field of space, according to the statement.
(29 June 2017)

Studies into UK National Microgravity Experiments Call for Proposals The UK Space Agency is making funding available for studies...
(29 June 2017)

Russia, Brazil consider joint space launches from Brazilian spaceport #Russia and #Brazil are considering the possibility of conducting joint launches of carrier rockets from a Brazilian space centre, Russian President Vladimir Putin said.
(27 June 2017)

Vietnam, Israel sign agreement on space technology cooperation The Vietnam National Satellite Centre and the Israel Space Agency inked an agreement on cooperation in science and technology and peaceful use of outer space, in Hano. At the signing ceremony, Israeli Ambassador to Vietnam Meirav Eilon Shahar said under the agreement, the two sides will boost cooperation in such areas as earth observation, space industry, and satellite activities.
(22 June 2017)

NASA, CNES express commitment to joint exploration France and the United States have a long history of cooperation in space, combining their talents over the years to advance science and launch exploration missions whose results have been instrumental in creating entirely new fields of research. The leaders of the two space agencies, Acting NASA Administrator Robert Lightfoot, and CNES President Jean-Yves Le Gall, reaffirmed the agencies' cooperation efforts.
(21 June 2017)

Galileo contract faces Brexit crunch A contract signed is giving a German-UK consortium the go-ahead to build another eight satellites for Galileo - Europe's version of GPS. OHB System of Bremen and SSTL of Guildford have so far produced all of the fully operational satellites in the constellation. But it is highly unlikely that SSTL, which assembles the timing and navigation payloads on the spacecraft at its Surrey factory, will have completed its share of the production effort by Friday 29 March, 2019 - the date for Britain's withdrawal from the EU.
(21 June 2017)

Plan aims to secure UK space sector A government plan to secure growth in the UK's £13.7bn space industry is laid out in the Queen's Speech. The stated purpose of the new Bill is to make the UK the most attractive place in Europe for commercial space - including launches from British soil. It would help increase the UK share of the global space economy from 6.5% today to 10% by 2030.
(21 June 2017)

Kazakh man dies in fire following Russian rocket launch A Kazakh man died and another was hospitalised after they were caught in a fire on the steppes triggered by falling debris from a Russian space launch, emergency services said. The blaze, reaching 15 kilometres across, was unleashed by parts of a rocket that fell to Earth after launch from the nearby Baikonur cosmodrome. The rocket had been used to successfully launch a supply ship destined for the International Space Station, emergency services in Kazakhstan said.
(17 June 2017)

Russian aerospace firm to cooperate with China on Lunar exploration missions Russia's Lavochkin Research and Production Association will work with China on designing lunar exploration missions, including orbital and return ones, Sergei Lemeshevsky, the Russian company's director general, told Sputnik.
(13 June 2017)

US House bill seeks to help commercial space companies The House Science Committee is trying to remove barriers to commercial space companies with a new bill, the American Space Commerce Free Enterprise Act of 2017.
(11 June 2017)

Chinese experiment reaches Space Station in historic first A Chinese experiment is now on the International Space Station (ISS), having reached the orbiting lab Monday (June 5) aboard a SpaceX Dragon cargo spacecraft.
(11 June 2017)

Opportunities

NASA Information Assurance Engineer - KeyLogic (United States)
As a NASA Information Assurance Engineer you will become an integral part of our growing organization. As a member of the KeyLogic Team, you will be able to expand

NASA IV&V Systems Engineer - Engility (United States)
is the sole provider of Independent Verification and Validation (IV&V) services to the NASA IV&V Program located in Fairmont, West Virginia. At the NASA IV&V

NASA IV&V Systems Engineer - Engility Corporation (United States)
is the sole provider of Independent Verification and Validation (IV&V) services to the NASA IV&V Program located in Fairmont, West Virginia. At the NASA IV&V

NASA Journalism, Multimedia, Social Media Winter/Spring Internships - NASA (United States)
INTRODUCTION: NASA invites students working towards degrees in journalism, communications, media relations, science writing, immersive journalism, or broadcast

NASA Programs Acquisition Manager - Centech (United States)
Overview: THE CENTECH GROUP, Inc. (CENTECH(R)) is seeking a Capture Manager/ NASA Programs Acquisition Manager. The person in this position will manage the

NASA Programs Acquisition Manager - THE CENTECH GROUP (United States)
THE CENTECH GROUP, Inc. (CENTECH(R)) is seeking a Capture Manager/ NASA Programs Acquisition Manager. The person in this position will manage the CENTECH-approved

NASA UAS Traffic Management (UTM) project - NASA (United States)
As part of the NASA UAS Traffic Management (UTM) project, research is in progress to enable integration of small unmanned aerial vehicles (UAV) into the National

Administrative Assistant
Vacancy in the Directorate of Industry, Procurement and Legal Services. ESA is an equal opportunity employer, committed to achieving diversity within the workforce and creating an inclusive working environment. Applications from women are encouraged. Post Administrative Assistant This post is parttime 50 of normal working hours and classified B2 B4 on the Coordinated Organisations salary scale. Location ESA Headquarters, Paris, France Description Administrative Assistant in the Procurement and EU Administration Department, Directorate of Industry, Procurement and Legal Services. The postholder will report to the Head of Department. The main duties, not limited to the following, include Duties providing full administrative support to the Head of Department to ensure the smooth running of daytoday business setting up meetings with industry, Delegations and business partners and monitoring the related actions participating in weekly Management Meetings and monitoring the related actions...

Architecte Segment Sol Image HF
CS est un acteur majeur de la conception, de lintgration et de lexploitation de systmes critiques. Le dpartement Payload Data Applications au sein de la Business Unit Espace, rpond aux besoins exprims par ses clients du secteur spatial en intgrant au cur dun mme systme les informations issues des technologies spatiales dobservation de la terre et de localisation. Afin de renforcer nos quipes, nous recherchons un Architecte Segment Sol Image HF. Dans le cadre du dveloppement des activits de traitement de limage pour les segments sols satellite, vous aurez la responsabilit du dveloppement de nos activits de dfinition, conception et dveloppement de systmes intgrant des chaines algorithmiques bases sur des bibliothques et doutils de traitement dimages. Vous intgrerez lquipe Payload Data Ground Segment pour la dfinition darchitecture de nouveaux centres dimage processing et de centres de contrle pour la qualit radiomtrique et gomtrique de limage. Vous participerez llaboration des offres de...

AST, Technical Management - Headquarters, NASA (United States)
This position serves as the Technical Advisor for Program Oversight within the NASA Management Office (NMO), located at the Jet Propulsion Laboratory (JPL) in

Business Development Director- NASA - The Aerospace Corporation (United States)
The Civil Systems Group is seeking qualified individuals experienced in working with NASA for the position of Account Director. The position supports the NASA

Business Development Manager Harwell Space Cluster
Business Development Manager Harwell Space Cluster IRC241817 Rutherford Appleton Laboratory, Harwell Campus, Oxfordshire Salary 60,000 70,000 dependent upon qualifications and experience Full Time About Us The Science and Technology Facilities Council STFC is one of Europes largest research organisations. Through combining worldclass facilities with major international collaborations and some of the worlds most talented staff, were driving groundbreaking advances in science and technology. STFCs Business and Innovation Directorate BID apply knowledge from STFCs facilities, research and technology programmes to the wider economy, delivering UK economic growth through spinout companies, inward investment and collaborative industrial RD. About The Role We now have an exceptional opportunity for a talented Business Development Manager within BID to ensure the continued growth and success of the Harwell Space Cluster at the Harwell Science and Innovation Campus. The Harwell Space Cluster...

Business Development Manager in Robotic Survey
About SCISYS Society is experiencing an unprecedented level of technological change and this is your chance to be at the heart of it. The SCISYS Autonomy and Robotics group have led the use of machine and now deep learning in European Space application development with a particular focus on robotic exploration of Mars. Machine learning, computer vision and more recently deep learning have been central to our work. We have found clients desiring a range of robotic applications in a variety of terrestrial domains, which are transforming many traditional ways of working. An example is the robotic survey of underground tunnels, which are GPS denied environments and can be dangerous to humans operating within them, where a range of mounted sensors deliver an unprecedented datarich model for surveyors and asset owners. As part of its growth strategy the SCISYS Space Division has successfully secured contracts in the nonspace robotics market and given this overall trend within the sector it ...

Client Executive, NASA / Department of Energy - VMware (United States)
As the NASA / DoE Client Executive, you will be responsible for driving VMware solutions to NASA and the scientific community. The ideal candidate would

Client Executive, NASA / Department of Energy - VMware, Inc. (United States)
Job ID 80872BR As the NASA / DoE Client Executive, you will be responsible for driving VMware solutions to NASA and the scientific community. The ideal candidate

Component Engineer
Serco is a specialist at delivering vital services on behalf of European, National and Local Governments. Serco Europe employs a large workforce in Belgium, Luxembourg, France, Switzerland, Germany, Holland, Spain, Italy and the UK. Our European operations have ca. 2,000 employees delivering critical services to public institutions throughout Europe. Package description Full details on application. Relocation assistance provided if applicable. Main responsibilities Provide expertise in the field of Passive Components, Discrete Semiconductors for RF and nonRF, Complex Microcircuits for Digital, Analog, Mixed Signal and Microwave, Hybrid Technology, Micro packaging, Optoelectronics and MicroNanoSystems proficiency in at least 4 out of the previous 12 categories is required Carry out Failure Analysis tasks and other analysis tasks as required Prepare reports on the analysis tasks as required Support and advice concerning the performance of analysis tasks subcontracted to external laborat...

Configuration and Data Management Manager CADM
A vacancy for a Configuration and Data Management Manager has arisen within Airbus Defence Space in Portsmouth. An experienced CADM Manager in Secure Communications SC UK responsible for the management of the Configuration and Data Management CADM processes. With a primary CADM focus on SC UK business. This role will involve some travel for business and as such you must be able to travel accordingly. The successful candidate will be subject to UK National Security Clearance in order to undertake related work in accordance with business needs. Your main tasks and responsibilities will include Providing a service that maintains our projects and products integrity throughout their life cycle, by advocating, directing and coaching recognised best practice in Configuration Management in line with established company processes. Acting as the professional supplier of requisite information to external customers and for internal customers, whether they be ProductProject or Functional team, a r...

Data Centre Support Engineer
Serco is a specialist at delivering vital services on behalf of European, National and Local Governments. Serco Europe employs a large workforce in Belgium, Luxembourg, France, Switzerland, Germany, Holland, Spain, Italy and the UK. Our European operations have ca. 2,000 employees delivering critical services to public institutions throughout Europe. Package description Full details on application. Relocation assistance provided if applicable. Main responsibilities The position involves the responsibilities to be carried out under the following three main areas Data Centre Management Act as main point of contact for all ESTEC data centre related activities Ensure all deployments are installed to applicable internal, manufacture and industry standards Provide smart hands problem solving support server reboots, backups, visual inspections etc. Monitor and followup the data centre routine activities Coordinate data centre changes and incidents Trigger agreed procedures when required Perf...

Director of Programme Preparation and Development
Director of Programme Preparation and Development Lead the development of the next generation EUMETSAT satellite systems that will shape weather forecasting and climate monitoring in Europe. EUMETSAT is the European satellite agency for monitoring weather and climate. Bringing together the resources of 30 member states, we develop and operate a range of satellite systems surveying the atmosphere, ocean and climate that deliver data 24 hours a day. Our data is vital to weather forecasts that protect lives and property and to monitoring the changing climate.

EUMETSAT is now developing the next generation of satellite systems, shaping its longterm future. Reporting directly to the DirectorGeneral, you will manage a portfolio of complex, multibillion Euro development programmes to establish the Meteosat Third Generation MTG, EUMETSAT Polar System Second Generation EPSSG and JasonCS systems into the beginning of the next decade, as well as EUMETSATs contribution to four Copernicus Sentinel...

ERT Officer NASA -Ci (Titusville FL) - Chenega Corporation (United States)
emergency response operations. The ERT Officer, after completion of required NASA Federal Arrest Authority and if required, Federal Magistrate Program Training,

Exploitation Platform Engineer
You will have the opportunity to work on the Thematic Exploitation Platform TEP which is related of a user community and research field eg. Hydrology TEP, a Regional Exploitation Platform to a given area of interest eg. Europe, Sierra Nevada, Japan, a Mission Exploitation Platform to a particular satellite mission eg. SMOS, GOCE, . An Exploitation Platform is a virtual workspace, providing a user community with access to i large volume of data EOnonspace data, ii algorithm development and integration environment, iii processing software and services e.g. toolboxes, retrieval baselines, visualization routines, iv computing resources e.g. hybrid cloudgrid, v collaboration tools eg. forums, wiki, knowledge base, open publications, social networking, vi general operation capabilities e.g. user management and access control, accounting, etc. Tasks and Activities The scope of work will include Participate in project engineering and technical reviews Contribute to definition of OLAs between ...

Flight Software Engineer
Flight Software Engineer, Space and Atmospheric Physics Group, Imperial College London Fixed term 6 months, commencing as soon as possible Shared Parental Leave cover We are seeking an outstanding software engineer to join the Solar Orbiter Magnetometer team at the Space Magnetometer Laboratory within Department of Physics. The Lab is well established in the field of space hardware, having had a major scientific and hardware involvement in worldleading heliospheric, magnetospheric and planetary physics space missions flown by NASA and ESA. Further details can be found at httpswww.imperial.ac.ukspaceandatmosphericphysics You will be working on the instrument onboard embedded flight software for the Solar Orbiter magnetometer instrument. Solar Orbiter is due for launch in October 2018. You will be responsible for finalising and releasing the flight software to be loaded onto the magnetometer in Q1 2018. You must have a degree in computing, electronic engineering, physics or a closely re...

Full Stack Development - NASA Open Source - Qualified Technical Services, Inc (United States)
Work Location: NASA Ames Research Center (Mountain View, CA) Minimum Citizenship: US Citizen Clearance: US Government REQUIREMENTS Education: BS Discipline(s):

Ingnieur logiciel embarqu HF
Centre National dEtudes Spatiales Le Centre National dEtudes Spatiales propose aux pouvoirs publics la politique spatiale de la France et la met en uvre dans 5 grands domaines stratgiques Ariane, les Sciences, lObservation, les Tlcommunications et la Dfense. Plus que jamais la conqute spatiale est au cur de la vie quotidienne des citoyens avec des retombes conomiques et socitales cls. Les 2 500 collaborateurs du CNES se rpartissent au sein de 4 centres dexcellence bass Toulouse, Paris et en Guyane. Dans le cadre de projets CNES ou ESA et en troite collaboration avec les laboratoires scientifiques franais du domaine spatial, le CNES dveloppe des instruments pour des missions scientifiques. Ces instruments contiennent des logiciels embarqus dont la complexit augmente rgulirement. Dans ce cadre, lingnieur logiciel embarqu accompagne, supporte et assiste sur le plan mthodologique et technique les laboratoires en charge de ces dveloppements logiciel. Dans le cadre dautres missions, le CNE...

Intelligence Operations Specialist - Headquarters, NASA (United States)
& Counterterrorism (CI/CT) Division within The Office of Protective Services (OPS), NASA Headquarters, duty stationed at Ames Research Center. The employee reports

Part time Secretary Administrative Assistant 20hrweek
Serco is a specialist at delivering vital services on behalf of European, National and Local Governments. Serco Europe employs a large workforce in Belgium, Luxembourg, France, Switzerland, Germany, Holland, Spain, Italy and the UK. Our European operations have ca. 2,000 employees delivering critical services to public institutions throughout Europe. Package description Full details on application. This position may become a fulltime role in the future. Main responsibilities Coordinating actions with other assistants of the department Planningcoordinating the commitments and meetings, organizing calendar and keeping the Division Head informed on all issues of concern supervising the preparation of files for such meetings and any special subjects On personal initiative or on instructions, collecting information and documents necessary for the Division Staff to take actions on given issues Analysing incoming mail paper and email and presenting these data in an organized and prioritized...

Project Manager Space Science
Project Manager Space Science Harwell Science and Innovation Campus, Oxfordshire Salary 37,415 41,572 Full Time or Part Time About Us The Science and Technology Facilities Council STFC is one of Europes largest research organisations. Were trusted to support, enable and undertake pioneering projects in an amazing diversity of fields. Through worldclass facilities and people, were driving groundbreaking advances in science and technology. STFCs RAL Space department carries out an exciting range of worldclass space research and technology development. Weve had significant involvement in over 200 space missions and operate at the forefront of UK Space Research. About The Role The Project Management Group of the Space Engineering and Technology Division currently has a growing number of ongoing and new projects which require Project Management support. This portfolio of projects covers a wide range of applications Spacecraft Instrumentation, Space Physics, Earth Observation and Calibrati...

Quality Assurance Engineer
HE Space is a successful international space company. For over 35 years, we have been supporting our customers with qualified experts in the field of engineering, science and administration. We are currently looking for a Quality Assurance Engineer to support our customer in Germany. Quality Assurance Engineer Key Tasks and Responsibilities As part of the Quality Assurance Team, you will have the following responsibilities Secure correct compliance of the quality requirements until delivery of productservice to the customer Controlling of all quality assurance activities during the entire project including handling of deviations NC, Request for Deviation, Request for Waiver Registration of lessonslearnt Negotiationestablishing the product assurance plan with the internalexternal customer Execution of internal review processes and consolidation of controlling risks monitor and secure activities for risk minimization Consolidation of quality assurance documentation. Skills Experience Yo...

Radio Navigation Engineer
Vacancy in the Directorate of Technology, Engineering and Quality. ESA is an equal opportunity employer, committed to achieving diversity within the workforce and creating an inclusive working environment. Applications from women are encouraged. Post Radio Navigation Engineer This post is classified A2A4 on the Coordinated Organisations salary scale. Location ESTEC, Noordwijk, The Netherlands Description Radio Navigation Engineer in the Radio Navigation Systems Techniques Section, Radio Frequency Systems Division, Radio Frequency Systems and Payloads Office, Electrical Department, Directorate of Technology, Engineering and Quality. The postholder will report to the Head of the Radio Navigation Systems Techniques Section. Duties The Radio Navigation Systems and Techniques Section provides functional support to ESA projects and performs technological research RD on radio navigation systems, techniques and equipment for ground and space applications. The postholders tasks and responsibil...

Robotics and Autonomous System Engineer
HE Space is a successful international space company. For over 30 years, we have been supporting our customers with qualified experts in the field of engineering, science and administration. We are currently looking for a Robotics and Autonomous System Engineer to support our customer in the United Kingdom. Robotics and Autonomous System Engineer Key Tasks and Responsibilities As part of the HRAF Harwell Robotics and Autonomy Facility, you will have the following responsibilities Support the HRAF second pilot phase HRAF EDLS distributed simulation federation and model driven engineering framework Overall development of the Virtual LaboratoryDigital Archiving for HRAF, in particular first operational tool implementation activity Use of HRAF for the AMBITION activity, Support ongoing technology development activities related to rover technologies and operations as well as future Mars related system studies, with particular focus on Sample Fetch Rover Support the development of the space...

Robotics Systems Engineer
You will be part of a team working at the Harwell Robotics and Autonomy Facility HRAF, a concept which has been initiated at ESA, Harwell to answer the need of development, verification and validation of complex autonomous systems such as planetary rovers and other landed elements which are critical to enable future planetary exploration missions. In order to become operational for future exploration missions, HRAF will go through an implementation phase which is likely to start after a second pilot phase is completed in 2018 such that it is synced with possible Mars Sample Return rover applications i.e the Sample Fetch Rover or equivalent lunar exploration scenarios. Tasks and Activities The scope of work will include Support the HRAFrelated technology activities HRAF Pilot 2 HRAF EDLS distributed simulation federation and model driven engineering framework Overall development of the Virtual LaboratoryDigital Archiving for HRAF, in particular first operational tool implementation act...

Science Driven Long Duration Venus Lander Concepts (NASA Space Academy at Glenn) - NASA (United States)
1. Brief background & NASA mission/program support: Venus is a key planet to help better understand Earth and our solar system. Due to the thick acidic cloud layers,

Senior Cyber Security Engineer - NASA - SAIC (United States)
Senior Cyber Security Engineer - NASA (Job Number:429105) Description: SAIC is hiring a Senior Cyber Security Engineer for our NASA engagement in Greenbelt, MD

Senior Cyber Security Engineer - NASA Job - SAIC (United States)
Senior Cyber Security Engineer - NASA (Job Number:429105) *Description:* SAIC is hiring a Senior Cyber Security Engineer for our NASA engagement in Greenbelt, MD

Senior Engineer, Optical Communication Systems
Where others see barriers, we see opportunities. Do you enjoy supporting customers realizing breakthrough value? Do you stay attuned to your customers needs and visions? Do you like to work openly and supportively together with your colleagues and customers? Our work involves many different minds and skills, it cant be done alone. Its a great time being SES. SES is the worldleading satellite operator providing endtoend communication solutions. SES leads across new technologies in video, enterprise, mobility and government We are a team of people coming from all across the globe who work together to make a real difference in the world. We help to bridge the digital divide by connecting millions of people on the African continent. We make it possible for people to stay connected while flying 10km up on a commercial airplane. We provide extensive satellite coverage of all of the worlds seas and ocean regions via our dedicated mobility beams We distribute 7,400 channels to more than 1 bil...

Senior Engineer, Systems Engineering
Where others see barriers, we see opportunities. Do you enjoy supporting customers realizing breakthrough value? Do you stay attuned to your customers needs and visions? Do you like to work openly and supportively together with your colleagues and customers? Our work involves many different minds and skills, it cant be done alone. Its a great time being SES. SES is the worldleading satellite operator providing endtoend

communication solutions. SES leads across new technologies in video, enterprise, mobility and government We are a team of people coming from all across the globe who work together to make a real difference in the world. We help to bridge the digital divide by connecting millions of people on the African continent. We make it possible for people to stay connected while flying 10km up on a commercial airplane. We provide extensive satellite coverage of all of the worlds seas and ocean regions via our dedicated mobility beams We distribute 7,400 channels to more than 1 bil...

Senior/Senior Advanced Quality Engineer (NASA) - KBRwyle (United States)
Title: Senior/Senior Advanced Quality Engineer (NASA) Location: US-US-MD-GREENBELT Job Number: 1049577 **There are no relocation funds, however we are offering a

Software Engineer CC and python mw
Vitrociset Belgium, a Vitrociset Group company, can claim almost 30 years of experience in the field of space operations engineering activities, starting in 1982 with the European Space Agency. Today Vitrociset Belgium is the Corporate Groups center of gravity for the Space activities in central Europe. With the headquarter located in Belgium and permanent offices presence close to ESAs centers ESOC D, ESTEC NL and ESAC SP, the company offers you major opportunities at its many sites abroad, an international environment and assignment to prestigious clients ESA, ESO, CNES, EUMETSAT, ASTRIUM. Please send your application to Ms. Roxana Sasu at r.sasuvitrocisetbelgium.com Deadline 21.08.2017 Key Responsibilities The Control Software and Engineering Department CSE in the Directorate of Engineering DoE is responsible for the definition, design and implementation of complex control systems for advanced optical and infrared astronomical instrumentation and telescope systems required for ESOs...

Software Product Assurance Engineer
Specific Tasks Contribute to the establishing of the programmatic and technical software PA requirements within the framework of the ESA Software policy. Evaluate Contractors plans, technical specifications and efforts proposed for the execution of the SW PA programme. Monitor and evaluate SW PA analyses, reports and technical notes. Participate to project reviews, meetings, Configuration Control Boards, Nonconformance Review Boards and Software Review Boards. Prepare design tradeoffs, analyses and reports using metrics to support project decisions. Participate to software product evaluations and process assessments. Establish and maintain databases to track NCRs, RFWs, action items etc. as required. Requirements Masters degree in software engineering or computer science with background on space Relevant professional work experience. Familiarity with space product assurance practices together with a good working knowledge of appropriate working tools. Practical experience in applying ...

Space Systems Engineers
Space Systems Engineers Rutherford Appleton Laboratory, Harwell Campus, Oxfordshire Salary 37,415 to 41,571 Systems Engineer 47,725 53,028 Senior Systems Engineer Full time or part time considered About Us The Science and Technology Facilities Council STFC is one of Europes largest science research organisations. Were trusted to support, enable and undertake pioneering projects in an amazing diversity of fields. Through worldclass facilities and people, were driving groundbreaking advances in science and engineering. STFCs RAL Space department carries out an exciting range of worldclass space research and technology development. Weve had significant involvement in over 200 space missions and operate at the forefront of UK Space Research. About The Role The RAL Space, Space Engineering Technology Division is recruiting Space Systems Engineers in order to support a growing number of ongoing and new programmes. This portfolio of programmes covers a wide range of applications Space Instr...

Spacecraft AOCS Software Engineer
SCISYS is currently seeking a highcalibre software engineer to join the Space Division, based in Bristol, UK. Our spacecraft onboard software group are currently seeking an enthusiastic, ambitious and motivated individual with expertise in the area of developing mathematical software such as onboard attitude and orbit control software. We deliver a wide range of projects and products to our customers, such as the European Space Agency, spanning large scale system developments used to control satellites to small technology studies involving prototypes and technology demonstrators. This is an extremely exciting opportunity to be involved in the development of prestigious ESA space missions, such as ExoMars. As a team lead or senior engineer within the group you will be responsible for leading and contributing significantly to our onboard software development teams. Successful candidates should possess some or all of the following skills and expertise This post would suit a candidate wit...

Spacecraft Operations Controller
Telespazio VEGA Deutschland is the first choice aerospace company for IT and engineering solutions and services. With more than 350 employees in Germany we shape the future of aerospace together and beyond. Our staff play a key role in determining our success through their qualifications, motivation, enthusiasm, different cultural backgrounds and their sense of teamwork. We are passionate about delivering exciting Space Programs for and with our customers. Through our large frame contracts with ESOC, EUMETSAT and DLR, we offer a futureoriented and trusting work environment, multicultural teams, as well as challenging jobs on space This is an exciting opportunity to step into the world of space operations supporting our customer DLR in Oberpfaffenhofen near Munich with various multimission projects. We are searching for two Spacecraft Controllers, which should start latest 01.10.2017. The position is fulltime and permanent. Deadline for submissions is 28.07.2017. ResponsibilitiesDuties...

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25-29 SEPTEMBER 2017

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