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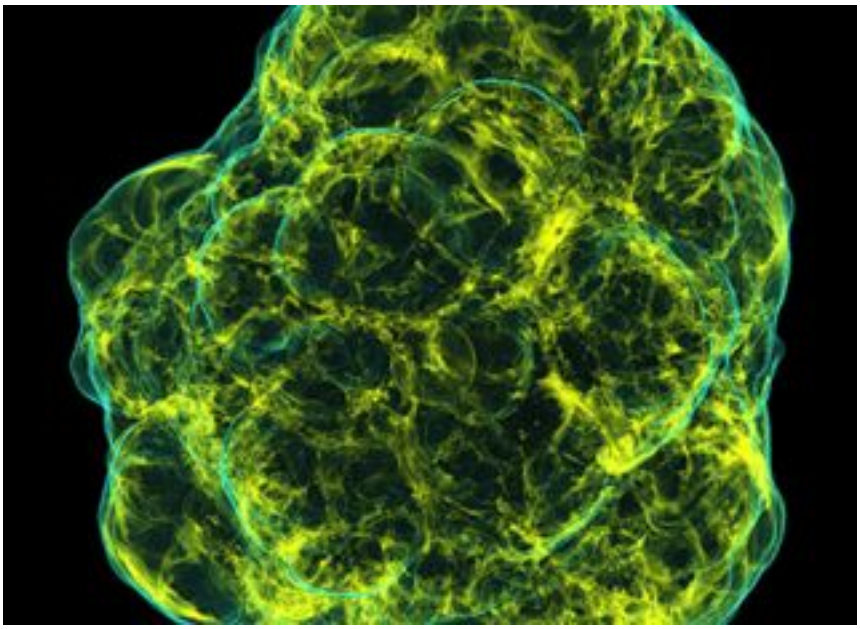

Lopsided star explosion holds the key to other supernova mysteries

May 8, 2015 | by California Institute of Technology | Comments

New observations of a recently exploded star are confirming supercomputer model predictions made at Caltech that the deaths of stellar giants are lopsided affairs in which debris and the stars' cores hurtle off in opposite directions.

New York begins effort to help startups navigate regulations

April 27, 2015 2:22 pm | by JENNIFER PELTZ, Associated Press | Comments

Technology startups and New York authorities will get each other's input on dealing with...

Mystery abounds when it comes to 'neuroscouting' in baseball

April 27, 2015 2:07 pm | by JAY COHEN, AP Sports Writer | Comments

Baseball's most compelling video game is not offered in any store. Exactly how many people are...

NERSC, Cray move forward with next-generation scientific computing

April 22, 2015 5:45 pm | by DOE/Lawrence Berkeley National Laboratory | Comments

The U.S. Department of Energy's (DOE) National Energy Research Scientific Computing (NERSC)...

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Software reads kids' expressions to measure pain levels

June 1, 2015 1:26 pm | by University of California - San Diego | Comments
Accurately assessing pain in children in a clinical setting can be difficult. A study by researchers at the University of California, San Diego School of Medicine has demonstrated the validity of a new method for measuring pediatric pain levels using novel facial pattern recognition software...
TOPICS:

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China plans to launch dark matter exploration satellite

June 1, 2015 12:31 pm | by European Southern Observatory | Comments
Scientists at Shanghai Engineering Centre for Microsatellites (SECM) are planning to develop a satellite with the widest observation spectrum known, to study dark matter and other energy particles in space...
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- Military & Aerospace
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FCC head unveils proposal to narrow 'Digital Divide'

June 1, 2015 12:15 pm | by Tali Arbel, AP Business Writer | Comments

The head of the Federal Communications Commission is proposing that the government agency expand a phone subsidy program for the poor to include Internet access...

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Revolutionary technology to improve bedside tumor diagnosis in patients

June 1, 2015 12:03 pm | by University of Leicester | Comments

Researchers from the Universities of Leicester and Nottingham are developing a revolutionary mini gamma ray camera that will improve the diagnosis of tumours and lymph nodes from patients' bedsides...

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- Medical
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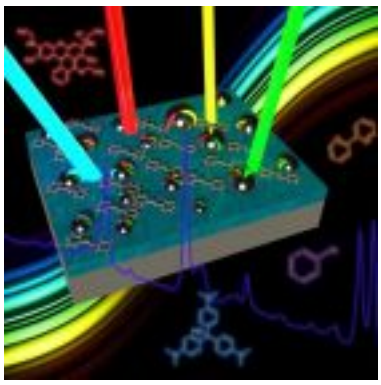

New sensing tech could help detect diseases, fraudulent art, chemical weapons

June 1, 2015 11:53 am | by University at Buffalo | Comments

From airport security detecting explosives to art historians authenticating paintings, society's thirst for powerful sensors is growing...

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- Medical
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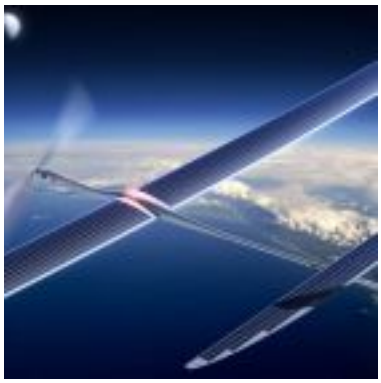

Google’s internet drone crashes in New Mexico during test flight

June 1, 2015 11:40 am | by Aerospace Technology | Comments

A Google prototype solar-powered drone has crashed during its test flight in New Mexico...

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- Unmanned Aerial Vehicles
- Newsletters

New tech is changing the restaurant reservations game

June 1, 2015 10:04 am | by Michele Kayal, Associated Press | Comments

At noon on a recent Wednesday in May, San Francisco's Lazy Bear restaurant began taking reservations for June. Just 45 minutes later, nearly every seat for the entire month was sold out...

TOPICS:

- Consumer

Russian rocket failure was due to vibrations

June 1, 2015 9:56 am | by The Associated Press | Comments

Russian space officials say this month's launch failure of a Proton rocket was due to excessive vibrations in the engine of the rocket's third stage...

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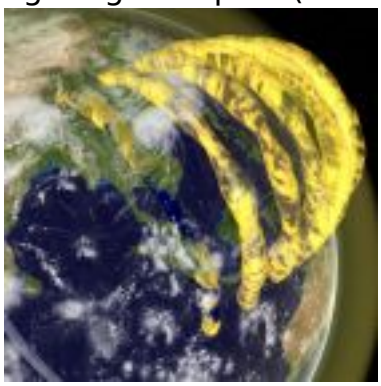

Astronomers make 3D movies of plasma tubes

June 1, 2015 9:43 am | by University of Sydney | Comments

By creatively using a radio telescope to see in 3D, astronomers have detected the existence of tubular plasma structures in the inner layers of the magnetosphere surrounding the Earth...

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- Military & Aerospace
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Novel X-ray lens sharpens view into the nano world

June 1, 2015 9:35 am | by Deutsches Elektronen-Synchrotron DESY |

Comments
A team led by DESY scientists has designed, fabricated and successfully tested a novel X-ray lens that produces sharper and brighter images of the nano world...
TOPICS:

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Engineers win grant to make smart clothes for personalized cooling and heating

June 1, 2015 9:08 am | by University of California - San Diego | Comments
Imagine a fabric that will keep your body at a comfortable temperature--regardless of how hot or cold it actually is...
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Insect mating behavior has lessons for drones

June 1, 2015 8:56 am | by University of California - Riverside | Comments
Can understanding such insect behavior be useful for robotics research? Yes, according to two entomologists whose research using computer simulations shows that such insect behavior has implications for airborne robots (drones) that ply the sky searching for signature odors...
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- Unmanned Aerial Vehicles
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Marketing: Sometimes it actually is rocket science

May 29, 2015 3:13 pm | by Rob Matheson, MIT News Office | Comments
Behind many of these advertisements lies an exact science — based on rocket science, in fact — powered by MIT “programmatic marketing” startup DataXu...
TOPICS:

- Communications, Telecom/Datacom
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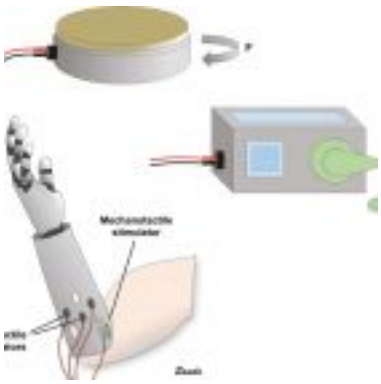

Researchers explore ways to develop prosthetic hands capable of providing sensory feedback

May 29, 2015 2:19 pm | by Wolters Kluwer Health | Comments
Researchers are exploring new approaches to designing prosthetic hands capable of providing sensory feedback...
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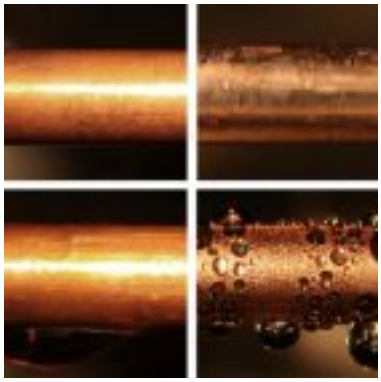

Coating on condensers could make power plants more efficient

May 29, 2015 2:12 pm | by David L. Chandler, MIT News Office | Comments
Most of the world's electricity-producing power plants — whether powered by coal, natural gas, or nuclear fission — make electricity by generating steam that turns a turbine...
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- Industrial
- Power
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