

The Lead



[Photos of the Day: A smartgun that calls for automated backup](#)

December 3, 2014 | by ECN Staff | [Comments](#)

The .9 mm pistol would contain a chip that communicated with the officer's smart phone to send a "yellow" alert when the gun is drawn and a "red" alert when fired. Santa Cruz Sheriff Phil Wowak — whose department is testing the new system ...

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[Gift Guide: Get better at sports with smart gear](#)

December 3, 2014 9:40 am | by RON HARRIS, Associated Press | [Comments](#)

Advances in technology present sports enthusiasts with plenty of options to...

News

Published on Electronic Component News (<http://www.ecnmag.com>)

[Gift Guide: Gadgets for avid TV viewers](#)

December 3, 2014 9:28 am | by ANICK JESDANUN, AP Technology Writer | [Comments](#)

For avid television viewers out there, the standard digital-video recorder...

[Army's mobile satellite network enables rapid fire missions](#)

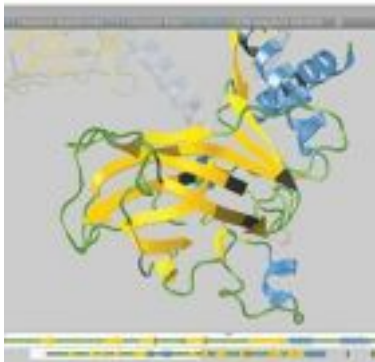
December 3, 2014 8:56 am | by U.S. Army | [Comments](#)

During the latest test of the Army's mobile tactical communications network, Warfighter...

[View Sample](#)

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[Powerful tool promises to change the way scientists view proteins](#)

January 30, 2015 12:44 pm | by EurekAlert! | [Comments](#)
Life scientists now have access to a publicly available web resource that streamlines and simplifies the process of gleaning insight from 3D protein structures. Known as Aquaria, the powerful tool is announced today in Nature

Methods. The Aquaria project was led by ...



[Los Alamos develops new technique for growing high-efficiency perovskite solar cells](#)

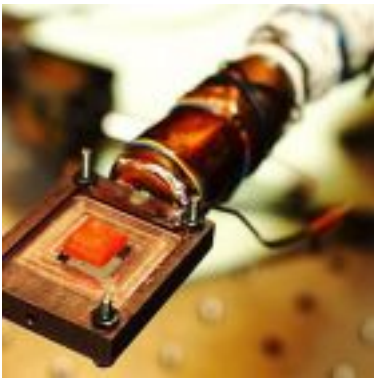
January 30, 2015 12:40 pm | by EurekaAlert! | [Comments](#)
This week in the journal Science, Los Alamos National Laboratory researchers reveal a new solution-based hot-casting technique that allows growth of highly efficient and reproducible solar cells from large-area perovskite crystals. "These perovskite crystals offer ...



[Complex environments push 'brain' evolution](#)

January 30, 2015 12:36 pm | by EurekaAlert! | [Comments](#)
Little animations trying to master a computer game are teaching neuroscience researchers how the brain evolves when faced with difficult tasks. Neuroscientists at the University of Wisconsin-Madison and Michigan State University have programmed animated critters that ...

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[New light-converting materials point to cheaper, more efficient solar power](#)

January 30, 2015 12:34 pm | by EurekaAlert! | [Comments](#)
University of Toronto engineers study first single crystal perovskites for new applications Engineers have shone new light on an emerging family of solar-absorbing materials that could clear the way for cheaper and more efficient solar panels and LEDs....



[Building trustworthy big data algorithms](#)

January 30, 2015 10:53 am | by EurekaAlert! | [Comments](#)
Much of our reams of data sit in large databases of unstructured text. Finding insights among emails, text documents, and websites is extremely difficult unless we can search, characterize, and classify their text data in a meaningful way. One of the leading ...



[MIT accepting applications for Integrated Design program](#)

January 30, 2015 10:48 am | by Megan Crouse, Real-Time Digital Reporter, @abmdigi | [Comments](#)

Are you an engineer or businessperson looking to further your education? Starting in the fall semester, Massachusetts Institute of Technology (MIT) will offer a Master's degree in Integrated Design, geared toward engineering, business and design professionals in the early ...



[Making smart materials even smarter](#)

January 30, 2015 10:21 am | by EurekAlert! | [Comments](#)

Pablo Tarazaga speaks of solid structures such as aluminum beams as if they were living organisms. From his unique mechanical engineering perspective Tarazaga, of Virginia Tech, wants to grow mechanical waves in solid, one- and two-dimensional materials to ...



[Army, Air Force Joint Interoperability provides intelligence products for consumers](#)

January 30, 2015 10:13 am | by U.S. Army | [Comments](#)
The U.S. Army Intelligence and Security Command and the Air Force's 480th Intelligence, Surveillance and Reconnaissance Wing are taking the lead in guiding military intelligence units in the analysis of intelligence and creation of the clearest possible products for ...

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['Anonymized' credit card data not so anonymous, study shows](#)

January 30, 2015 9:48 am | by SETH BORENSTEIN and JACK GILLUM, Associated Press | [Comments](#)
Credit card data isn't quite as anonymous as promised, a new study says. Scientists showed they can identify you with more than 90 percent accuracy by looking at just four purchases, three if the price is included - and this is after companies "anonymized" the transaction ...



[How can Google snap its stock out of its stupor?](#)

January 30, 2015 9:42 am | by Michael Liedtke, AP Technology Writer | [Comments](#)

Google has turned into a stock market laggard as the shift to mobile devices has lowered the Internet search leader's digital ad prices and the company's expensive investments in far-out technology has trimmed its profit margins. Those factors have left some investors ...

[SXSW names Interactive Innovation Award Finalists](#)

January 30, 2015 9:29 am | by Megan Crouse, Real-Time Digital Reporter, @abmdigi | [Comments](#)

A shark-detecting buoy, 3D-printed prosthetic limbs changing lives in Sudan, and a “thinking” music player were among the finalists for the South By Southwest (SXSW) Innovation Awards, to be presented for innovative developments in the Internet of Things, wearables ...

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- [Medical](#)



[Professor: UK must aspire to be best place in world to do science](#)

January 30, 2015 8:10 am | by The University of Manchester | [Comments](#)
Science needs to have a higher cultural and political profile, if the UK is to really capitalise on its world leading position according to Professor Brian Cox OBE, the Royal Society's newly appointed Professor for Public Engagement in Science at The University of Manchester....



[CERN's Large Hadron Collider gears up for run 2](#)

January 29, 2015 5:11 pm | by CERN Press Office | [Comments](#)
CERN announced at the 174th session of the CERN Council that the Large Hadron Collider (LHC) is gearing up for its second three-year run. The LHC is the largest and most powerful particle accelerator in the world and the whole 27-kilometre superconducting machine is now ...

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[5 resources for STEM teachers](#)

January 29, 2015 4:54 pm | by Megan Crouse, Real-Time Digital Reporter @abmdigi | [Comments](#)
With STEM careers taking off, STEM students need capable, confident teachers targeting all segments of the population. In a Town Hall conference call on Jan. 28, STEMconnector brought together representatives of advocacy organizations, educational seminars, and universities ...
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- [STEM](#)

- [Lists](#)



[Drone maker restricts D.C. flights](#)

January 29, 2015 4:10 pm | by Melissa Fassbender, Editor, PD&D, @melfass | [Comments](#)

The maker of the drone that crash-landed on the White House lawn is reportedly publishing a firmware update that would restrict the quadcopters from flying within Washington, D.C.'s restricted airspace. The company, SZ DJI Technology Co. of Shenzhen, China ...

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