

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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- [Photos of the Day](#)

[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...

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[CEA declares war on patent trolls](#)

January 23, 2015 1:59 pm | by Megan Crouse, Real-Time Digital Reporter, @abmdigi | [Comments](#)

Why create a product when you could file a lawsuit instead? That's the modus operandi of "patent trolls," those who abuse patent litigation laws, and the Consumer Electronics Association is urging United States citizens to ask the government to crack down ...

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- [Regulation](#)
- [Consumer](#)



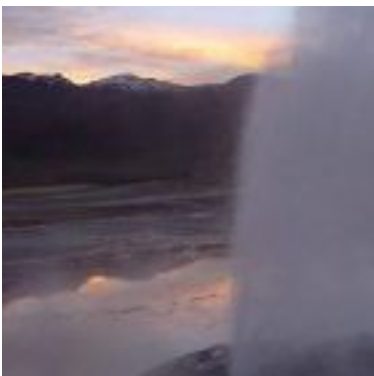
[Creating a smarter connection between man and machine](#)

January 23, 2015 1:51 pm | by Megan Crouse, Real-Time Digital Reporter, @abmdigi | [Comments](#)

As smart technology becomes more and more common in the medical field, new materials are developed to facilitate connection between the body and the devices that help it thrive. A new conductive coating could enable electrode miniaturization and more ...

TOPICS:

- [Medical](#)



[DOE to announce plans for geothermal R&D at Stanford Geothermal Workshop](#)

January 23, 2015 1:26 pm | by EurekAlert! | [Comments](#)
Jay Nathwani, acting director of the U.S. Dept. of Energy's Geothermal Technologies Office, will discuss the DOE's plans to accelerate the development of geothermal energy at the 40th annual Stanford Geothermal Workshop. The event takes place Jan. 26-28 at ...

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[H.E.S.S. finds three extremely luminous gamma-ray sources](#)

January 23, 2015 1:22 pm | by EurekaAlert! | [Comments](#)

Wits scientists are part of a multinational team of astronomers working on the High Energy Stereoscopic System (H.E.S.S.) telescopes that have again demonstrated its excellent capabilities in searching for high-energy gamma rays. In the latest discovery, H.E.S.S. found three ...



[Calculating the future of solar-fuel refineries](#)

January 23, 2015 1:18 pm | by EurekaAlert! | [Comments](#)

A team of University of Wisconsin-Madison engineers has developed a new tool to help plot the future of solar fuels. In a paper recently published in the journal Energy & Environmental Science, a team led by chemical and biological engineering Professors ...



[Silver nanowires demonstrate unexpected self-healing mechanism](#)

January 23, 2015 1:16 pm | by EurekAlert! | [Comments](#)

With its high electrical conductivity and optical transparency, indium tin oxide is one of the most widely used materials for touchscreens, plasma displays, and flexible electronics. But its rapidly escalating price has forced the electronics industry to search for ...



[New technique helps probe performance of organic solar cell materials](#)

January 23, 2015 1:13 pm | by EurekAlert! | [Comments](#)

A research team led by North Carolina State University has developed a new technique for determining the role that a material's structure has on the efficiency of organic solar cells, which are candidates for low-cost, next generation solar power. The researchers have used ...



[LG to launch curved G Flex 2 smartphone next week](#)

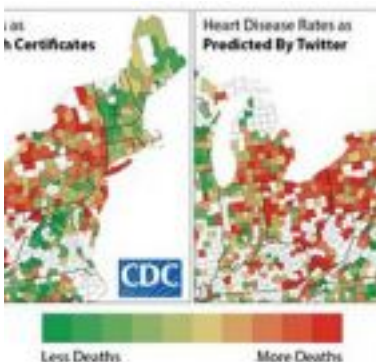
January 23, 2015 1:10 pm | by YOUKYUNG LEE, AP Technology Writer |

[Comments](#)

LG Electronics Inc. said it will start selling a new curved smartphone next week in its latest effort to bring the curve to a mass market. The South Korean company said Thursday that the G Flex 2 will be launched locally on Jan. 30 and overseas in coming months....

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[Twitter can predict rates of coronary heart disease](#)

January 23, 2015 1:05 pm | by EurekAlert! | [Comments](#)

Twitter has broken news stories, launched and ended careers, started social movements and toppled governments, all by being an easy, direct and immediate way for people to share what's on their minds. Researchers from the University of Pennsylvania have ...



[Profitable phishing schemes tinker with our heads, then rip us off](#)

January 23, 2015 12:59 pm | by EurekaAlert! | [Comments](#)

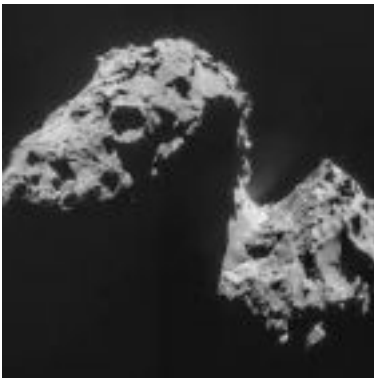
In the first study of its kind, researchers at the University at Buffalo have found evidence that the incredible spread of email phishing scams may be due to phishers' increased use of "information-rich" emails that alter recipients' cognitive processes in a way ...



[Re-creating planet formation, super-earths, and giant planets in the laboratory](#)

January 23, 2015 12:55 pm | by EurekaAlert! | [Comments](#)

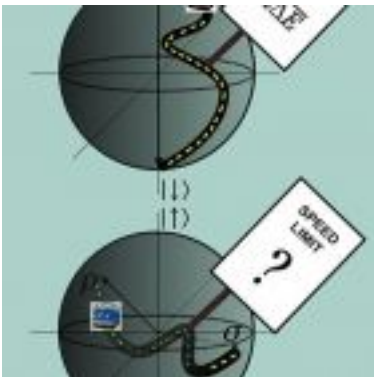
New laser-driven compression experiments reproduce the conditions deep inside exotic super-Earths and giant planet cores, and the conditions during the violent birth of Earth-like planets, documenting the material properties that determined planets' formation and ...



[A first peek beneath the surface of a comet](#)

January 23, 2015 9:39 am | by EurekaAlert! | [Comments](#)

In some of the first research findings to be published from the European Space Agency's Rosetta Mission to the comet 67P/Churyumov-Gerasimenko, scientists including astronomer Peter Schloerb of the University of Massachusetts Amherst report early measurements of ...



[Scientists set quantum speed limit](#)

January 23, 2015 9:20 am | by EurekaAlert! | [Comments](#)

University of California, Berkeley, scientists have proved a fundamental relationship between energy and time that sets a "quantum speed limit" on processes ranging from quantum computing and tunneling to optical switching. The energy-time uncertainty relationship ...

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- [Computing](#)

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[Scientists 'bend' elastic waves with new metamaterials](#)

January 23, 2015 9:14 am | by EurekaAlert! | [Comments](#)
Sound waves passing through the air, objects that break a body of water and cause ripples, or shockwaves from earthquakes all are considered "elastic" waves. These waves travel at the surface or through a material without causing any permanent changes to ...



[Hands-on with Microsoft's hologram device](#)

January 23, 2015 9:08 am | by BRANDON BAILEY, AP Technology Writer | [Comments](#)
Microsoft didn't use skydivers or stunt cyclists to introduce what it hopes will be the next big leap in computing technology. Instead, with its new HoloLens headset, the company is offering real-world examples to show how you might use three-dimensional ...

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- [Consumer](#)

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