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Tiny Windmills Could Save Bridges, Time

Posted, 2014-03-03

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ARLINGTON — Millions (<http://wn.com/Millions>) of tiny windmills could one day power wireless sensors that detect cracks in bridges, failures in security systems and dryness in soils — all thanks to two University of Texas at Arlington (http://wn.com/University_of_Texas_at_Arlington) research scientists who were inspired by a little girl's pinwheel. Electrical engineering (http://wn.com/Electrical_engineering) professor J.C. (<http://wn.com/J.C.>) Chiao and associate researcher Smitha Rao designed the 1.8 millimeter by 2 millimeter micro windmills that are so small 10 would fit on a grain of...[more » \(http://www.star-telegram.com/2014/03/02/5614443/tiny-windmills-could-save-bridges.html\)](http://www.star-telegram.com/2014/03/02/5614443/tiny-windmills-could-save-bridges.html)

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An engineer of Japanese (<http://wn.com/Japanese>) machinery maker NS West (<http://wn.com/West>) shows the 'Earclip-type Wearable PC' equipped with vital sensors such s pulse meter, thermometer and Bluetooth wireless communication device. Photo (<http://wn.com/Photo>): AFP (<http://wn.com/AFP>)...

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Japan Researchers Testing Tiny Ear Computer (http://article.wn.com/view/2014/03/01/Japan_Researchers_Testing_Tiny_Ear_Computer_a/)

By Agence France-Presse (http://wn.com/Agence_France-Presse) on 3:29 pm March 1, 2014. Category (<http://wn.com/Category>) Tech Tags: Computers, Japan (<http://wn.com/Japan>) This picture taken on February 20 (http://wn.com/February_20), 2014 shows Japan's Hiroshima University (http://wn.com/Hiroshima_University) lecturer Kazuhiro Taniguchi...

JAKARTA GLOBE ([HTTP://WWW.THEJAKARTALOBE.COM/TECH/JAPAN-RESEARCHERS-TESTING-TINY-EAR-COMPUTER/](http://WWW.THEJAKARTALOBE.COM/TECH/JAPAN-RESEARCHERS-TESTING-TINY-EAR-COMPUTER/)) 2014-03-01

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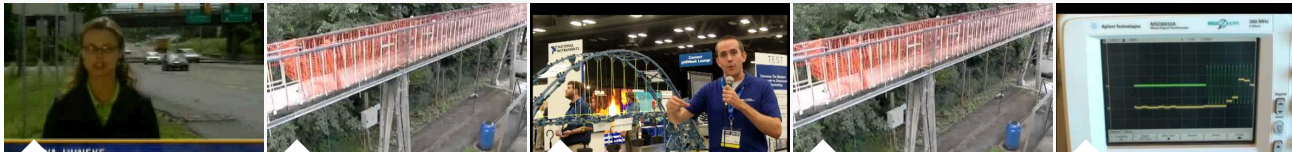
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Japanese researchers test tiny ear PC (http://article.wn.com/view/2014/03/01/Japanese_researchers_test_tiny_ear_PC/)

A tiny personal computer that is worn on the ear and can be controlled with the blink of an eye or the click of a tongue is being tested in Japan (<http://wn.com/Japan>). The 17g wireless device has bluetooth capability and...

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(http://article.wn.com/view/2014/03/03/Freescale_Releases_Its_First_11_RF_Power_Products_Suitable_f/)

Freescale Semiconductor (http://wn.com/Freescale_Semiconductor) (NYSE (<http://wn.com/NYSE>); FSL (<http://wn.com/FSL>)), a global leader in radio frequency (RF) power transistors, today announced the availability of 11 new commercial RF power LDMOS (<http://wn.com/LDMOS>) products that can meet the requirements of U.S. ([http://wn.com/U.S.](http://wn.com/U.S)) defense electronics applications. This is the first set of products released as part of the company's strategic defense initiatives for its RF power business,...

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Study: Ants use their babies as floating life-preservers during floods
(http://article.wn.com/view/2014/03/03/Study_Ants_use_their_babies_as_floating_lifepreservers_durin/)

When facing oncoming floodwaters, ants use their helpless babies as floating life-preservers – by sticking them at the very bottom of the life rafts that they build with their own bodies. The findings, described in a paper published in PLOS (<http://wn.com/PLOS>) One, reveal that ant rafts have a fascinating internal structure – one that maximizes the group's buoyancy and thus,...

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Westfield church offers a homemade homeless shelter (http://article.wn.com/view/2014/03/03/Westfield_church_offers_a_homemade_homeless_shelter/)

WESTFIELD – Last (<http://wn.com/Last>) fall, the Rev. ([http://wn.com/Rev.](http://wn.com/Rev)) Virginia (<http://wn.com/Virginia>) Carr (<http://wn.com/Carr>) walked into the portico at the back entrance to St. Peter (http://wn.com/St._Peter)'s Church (<http://wn.com/Church>) and found a homeless man sleeping inside. The man (http://wn.com/The_man) had piled up his belongings in the small, unheated breezeway, making himself at home (<http://wn.com/home>) next to a snowblower – and making some church members uncomfortable. Carr, who is the parish rector, and...

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