

Search news, business leaders, and stock quotes



Names You Need To Know 2011



Gallery: Choose The Best Tablet



Gallery: Books That Will Make You Rich



AdVoice: Innovation Found In Unlikely Places

Free Issue >

1 hour ago

Ex-AOL Chief Falco Will Return To His TV Roots As Univision COO

LACEY ROSE *Moneywood*

2 hours ago

AA Signs with Priceline.com on In-House Technology

HEATHER STRUCK *Market Pulse*

The perfectly sized Samsung Tab.
The first Android™ tablet from Sprint.



Samsung Galaxy Tab™

Get it now

Sprint

Replay



Osha Gray Davidson EDISON 2.0

MY PROFILE MY HEADLINE GRABS MY RSS FEED

TECHNOLOGY

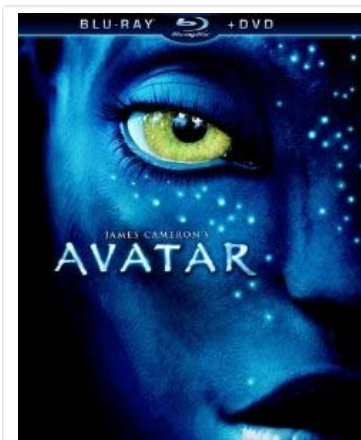
3D May Be a Box-Office Hit, But Our Eyes Were Made for X-Ray Vision

Jan. 18 2011 - 1:28 pm | 2 views | 0 recommendations | 0 comments

James Cameron's 3D blockbuster, *Avatar*, may have grossed a billion dollars, but our eyes evolved for 'X-ray' vision, not 3D. That's the theory developed by evolutionary neurobiologist, Mark Changizi.

In an interview with *EarthSky's* Jorge Salazar, Changizi explains his theory that challenges the old assumption that stereoscopic vision is primarily about depth perception. Stereoscopic vision (twin forward-facing eyes give us slightly different views), says Changizi, offers an evolutionary advantage because it renders clutter — non-essential foreground material — transparent.

If that explanation is a bit opaque, here's a quick example: You're hunting a larger, carnivorous animal in a forest. The trick, of course, is not to become the prey, so you peer through bushes to see the beast before it



3D or X-Ray? (Cover via Amazon)

Share

3

Share

Introducing new ADOBE® ACROBAT® X

Share information across the globe with Acrobat Dynamic PDF

Learn more

Replay



MY ACTIVITY FEED

Show all activity

OSHA'S NEW POST 16 minutes ago

3D May Be a Box-Office Hit, But Our Eyes Were Made for X-Ray Vision

0

OSHA COMMENTED 3 hours ago

"I agree 100% with your diagnosis, and, sad to say, your prognosis. I wonder what Rx you'd write for the..."

Posted to THE BP OIL RIG DISASTER -- BETTER BRACE YOURSELF: THERE IS SURELY MORE TO COME

OSHA RECOMMENDS 3 hours ago

The BP oil rig disaster -- better brace yourself: there is surely more to come

by FREEK VERMEULEN

OSHA IS FOLLOWING 3 hours ago



FREEK VERMEULEN
Business Exposed



sees *you*. All those leaves close to your face? They are clutter. Our brains use stereoscopic vision to make the leaves seem transparent, and to highlight the animal.

Still not clear? Dr. Changizi provides short exercises you can do at your desk that make the concept easy to understand.

The interview with Dr. Changizi, who is Director of Human Cognition at [2AI Labs](#), begins nineteen minutes into the show.

via [EarthSky 22 for January 14, 2011](#) | [Human World](#) | [EarthSky](#).

Recommend Buzz Up! Reddit StumbleUpon Facebook Twitter Email this

Previous Post:

[Dr. King and the Klansman — Love in a Time of Vitriol](#)

More on Forbes Right Now

Comments

DISPLAY

Called-Out Comments

All comments

No Comments
Post your comment »

Log in for notification options

[Comments RSS](#)

MOST POPULAR

MY POSTS

All Posts Last 24 Hours

1. [The Woman Behind the Olbermann Tempest](#) 3,670 views
2. [A Body to Die For, Dies](#) 3,549 views
3. [Fight Billionaires: The Bernie Sanders Filibuster as a Word Cloud](#) 2,403 views
4. [Welcome to the Future: First Nissan Leaf Delivered Today](#) 2,151 views
5. [Is Bernie Sanders the Conscience of the Democratic Party?](#) 1,993 views

ABOUT ME

I'm a freelance investigative reporter and author. But enough about me. What is EDISON 2.0, you ask? It's what comes after EDISON 1.0 - which began on September 4, 1882. Thomas Edison flipped a switch at the first commercial (coal-burning) power station, and our modern world began. That model has stayed pretty much the same for 128 years. But it's about to change, and Edison himself predicted the shift. In the long run, Edison told Henry Ford in 1931, "I'd put my money on the sun and solar energy. What a source of power!" In EDISON 2.0 I'll report on the fundamental changes in how energy, the environment, technology, business and politics interact. You can follow me on twitter at @thephoenixsun. [See my profile »](#)

Followers: 11
Contributor Since: October 2010
Location: Phoenix, Arizona

[MY PROFILE](#) [MY RSS FEED](#)
[MY HEADLINE GRABS](#) [EMAIL ME TIPS](#)

[Albany-Schenectady Coupon](#) www.Groupon.com/Alba
1 ridiculously huge coupon a day. It's like doing Albany at 90% off!

[Top 12 Stocks to Buy Now](#) www.TopStockAnalysts.com
Panel of nation's leading analysts just announced their favorite picks

[Buffett's Top Stock](#) www.DailyTradeAlert.com
Warren Buffett just poured \$1 Bil into this ONE stock. Free report.

[Want Richer Safer Yields?](#) www.MoneyandMarkets.com
Top 10 List: Highest Rated Dividend Companies With 7% Yields or More!



Ads by Google