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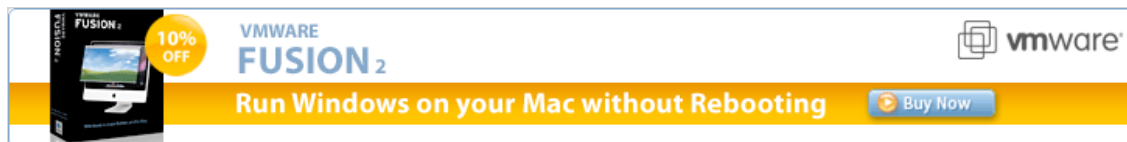
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'Big Wave' Theory Offers Alternative to Dark Energy

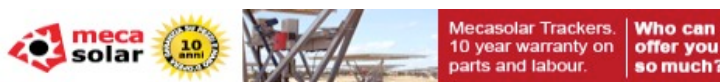
— Mathematicians have proposed an alternative explanation for the accelerating expansion of the universe that does not rely on the mystifying idea of dark energy.

3 BLOGS LINK TO THIS STORY

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EXTENDED BLOG DISCUSSION

Notes & Queries 8/19/09

Centauri Dreams — ... I've been working my way through a preprint of a paper arguing that dark energy is not what many scientists think. Joel Smoller (University of Michigan) and Blake Temple (UC-Davis) believe that an expanding wave moving through spacetime could be the reason why distant galaxies appear to be accelerating as they move away from us. The dark energy debate centers on the idea that dark energy fuels the acceleration, but Smoller and Temple will have none of it. Quoted on [Space.com](#), Temple notes: ...

News Briefs 21-08-2009

TDG - Science, Magick, Myth and History — ... Gordon when we need him? He *is* king of the impossible and saviour of the universe. Hawkmen diiiiive! Will warming oceans change the Earth's tilt? 23.5 is such a nice degree... Contrary to popular belief, plastic does quickly decompose in the ocean – into smaller, more potentially damaging derivatives. New theory questions the existence of dark energy. Who needs dark energy when you've got the [big wave](#)? Scientists witness active transition between quantum states for the first ...

Dark Energy: Still a Puzzle

Cosmic Variance — ... The arrow of time wasn't the only big science problem garnering media attention last week: there was also a claim that dark energy doesn't exist. See [Space.com](#) (really just a press release), ...

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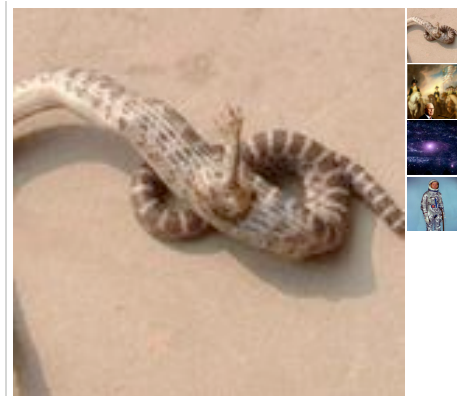
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[- New Cosmic Theory Unites Dark Forces](#)

space.com 4/27/2009 — Untitled Document The two biggest mysteries in cosmology may be one. A new theory says that dark matter and dark energy could arise from a single dark fluid that permeates the whole universe. And this could mean Earth-based dark matter searches will ...

[Faster than The Wave](#)

scienceblogs.com 28 days ago — The wave . We've talked about it before . It's where people in a stadium stand up and sit down in sequence so that a wave of standing people travels around the circumference of the stands. They have a typical speed of around 12 m/s , though it is ...

[The Speed\(s\) of a Wave](#)

scienceblogs.com 28 days ago — All right, the answer to yesterday's question about the maximum speed of a stadium wave, as many commenters rightly said, is "as fast as you want." The comments went into some depth on this, and I like the way Zifnab put it: I mean, if you've got ...

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cnn.com 5/18/2009 — David MacKay says people engage in wishful thinking about energy because they don't look at the math.

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