

For future investigation

Sound <http://www.alphagalileo.org/index.cfm?fuseaction=readrelease&releaseid=526196>

LIGO measures nothing: significant result

Various satellites observed an intense gamma ray burst last February, but initial attempts to explain it as a result of neutron stars or black holes coalescing are probably wrong, as LIGO did not observe any gravitational waves.

<http://www.alphagalileo.org/index.cfm?fuseaction=readrelease&releaseid=526197>

Methuselah Method

The 4 point plan to adding an extra 14 years to your life

<http://www.alphagalileo.org/index.cfm?fuseaction=readrelease&releaseid=526208>

<http://medicine.plosjournals.org/perlserv/?request=get-document&doi=10.1371/journal.pmed.0050012&ct=1>

Fake fruit juice merchants beware

Adulterated fruit juice is fraud of the most pernicious sort, apparently. Science can solve this though, detecting if your smoothie is so innocent after all. So we can catch these fruit fraudsters, and squeeze them till their pips squeak...

<http://www.alphagalileo.org/index.cfm?fuseaction=readrelease&releaseid=526209>

[http://www.basqueresearch.com/berria\\_irakurri.asp?Berri\\_Kod=1569&hizk=1](http://www.basqueresearch.com/berria_irakurri.asp?Berri_Kod=1569&hizk=1)

Shaken up baby

Scientists develop a very sophisticated new doll to investigate the effect of shaking babies, which may help shed light on a fraught legal issue

<http://www.alphagalileo.org/index.cfm?fuseaction=readrelease&releaseid=526212>

Honey dressing

Not what the doctor ordered - utterly useless at treating leg ulcers apparently

<http://www.alphagalileo.org/index.cfm?fuseaction=readrelease&releaseid=526228>

Location, location, location

Even important for monkeys apparently – in interactions between groups of capuchin monkeys, location trumps even the number of monkeys in the group

<http://www.pnas.org/cgi/content/abstract/0707749105v1?etoc>

The hunting of the shrew

You don't want to be up against these guys if you're a fish – turns out they can detect fish motion, shape and smell, all underwater!

<http://www.pnas.org/cgi/content/abstract/0709534104v1?etoc>

Why cooperate?

To prevent a choosy partner from choosing someone else, apparently.

<http://www.nature.com/nature/journal/v451/n7175/full/nature06455.html>

<http://www.alphagalileo.org/index.cfm?fuseaction=readrelease&releaseid=526232>

Colombus: a pox on him!

In 1492, Columbus sailed the ocean blue, and brought back syphilis, apparently

<http://www.alphagalileo.org/index.cfm?fuseaction=readrelease&releaseid=526248>

A little bird told me...

Siberian jays can apparently communicate with each other in a very sophisticated manner, telling others about the behaviour (not just presence) of their predators, hawks.

<http://www.alphagalileo.org/index.cfm?fuseaction=readrelease&releaseid=526252>

<http://www.current-biology.com/content/article/abstract?uid=PIIS0960982207024189>

A lava's touch

Has quite an effect on a nearby ecosystem, at least in Hawaii – it becomes much more temperature sensitive it seems

<http://www.pnas.org/cgi/content/abstract/105/1/228?etoc>

What's hot: silicon

Normally thought of as being useless in thermoelectric applications, as it conducts heat too well to allow the temperature gradient these materials need to generate electricity, a nanowire made of the stuff is starting to make it look appealing

<http://www.nature.com/nature/journal/v451/n7175/full/451132a.html>

<http://www.nature.com/nature/journal/v451/n7175/full/nature06458.html>

Is that a smile I hear?

It seems whether we're smiling or not can be heard by listeners. Wonder if it works with typing – might get rid of the "lol"s...

<http://www.alphagalileo.org/index.cfm?fuseaction=readrelease&releaseid=526269>

Who in ears and eyes match me?

Ears are instruments finely tuned to suit the individual they're attached to – if you borrowed someone else's the world would sound very different, until your brain relearned how to interpret the signals. If you do this article we get to use a picture of a ferret.

<http://www.alphagalileo.org/index.cfm?fuseaction=readrelease&releaseid=526321>

Two for one

Einstein rings are formed when light from one galaxy gets bent around another galaxy in the line of sight to Earth. But Hubble's just found a double Einstein ring, which means not two but three galaxies have to be perfectly lined up – very unlikely

<http://www.alphagalileo.org/index.cfm?fuseaction=readrelease&releaseid=526299>

Casimir force measured

The Casimir force is often cited as a way of demonstrating that a "vacuum" teems with particles popping in and out of existence – two metal plates separated only by a thin vacuum layer would attract due to this force. But vacuums have not been used to measure it – water and lutidine have instead, very sensitively

<http://www.nature.com/nature/journal/v451/n7175/full/451136a.html>

<http://www.nature.com/nature/journal/v451/n7175/full/nature06443.html>