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## innovation inventions

# You can send lemonade over the internet now, because science

MARCH 31, 2017 8:05AM



Ever wanted to send your mates lemonade over the internet? Well, good news.

[news.com.au](http://news.com.au)

**THE** advent of what has come to be known as the internet promised to revolutionise communication and human knowledge as we knew it — but we probably didn't expect to reach heights quite this high.

What am I talking about? The fact that you can send lemonade over the internet, of course.

By using system of electrodes and sensors, researchers at the National University of Singapore have devised a way to digitally transmit the basic look and taste of lemonade to a plain glass of water.

Apparently the idea behind this rather bizarre project is to let people share sensory experiences over the internet, [New Scientist](#) reported.

“People are always posting pictures of drinks on social media — what if you could upload the taste as well? That’s the ultimate goal,” lead researcher Nimesha Ranasinghe said.

Some things you don't know you want until they exist, I guess.

The system consists of three main components: a lemonade sensor, a communication protocol, and a customised jug which receives the data and acts as the lemonade simulator.

On one end, you use a sensory device to measure the colour and pH level of a glass of fresh lemonade and then send the data to the special [MORE IN INVENTIONS](#) trodes to



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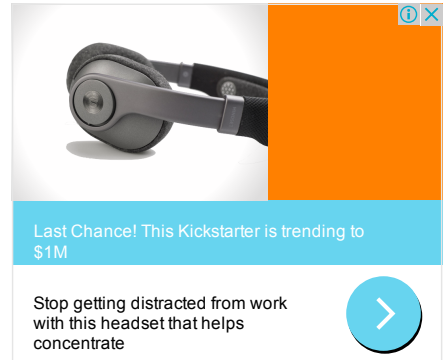
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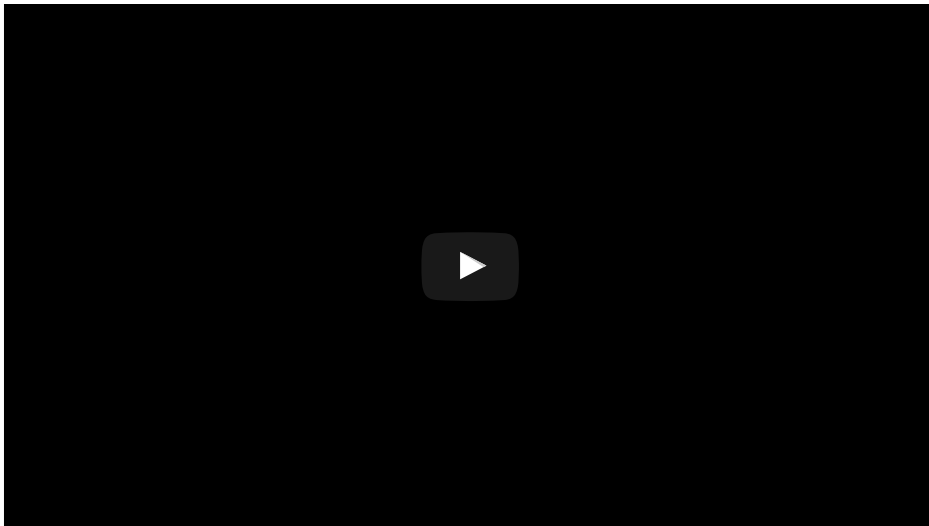
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It's early days yet, but this tech could pave the way for you to send your mates an actual Pina Colada on Facebook, albeit a non alcoholic, simulated one.

"We're working on a full virtual cocktail with smell, taste and colour all covered. We want to be able to create any drink," Mr Ranasinghe said.

Another potentially useful application of the technology is the fact that it could allow people to drink sweet tasting drinks without actually having to consume the sugar.

Aside from that, we're not really sure.



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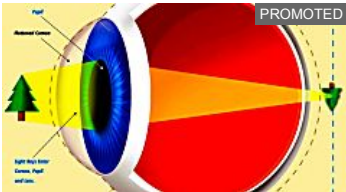
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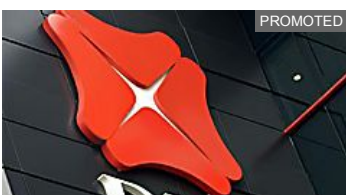
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