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Do the 7 sit-down exercises



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Holiday at home this year? Virtual reality device can simulate WEATHER including wind in your face and sun on your back

- The headset has a fan and temperature module to simulate weather
- It can create extreme conditions such as snowy climates and hot desert heat
- The Singaporean researchers next want to create smells and vibrations

By **PHOEBE WESTON FOR MAILONLINE**

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Virtual reality just got even realer.

Not only can it create sounds and sights, but a new accessory can even bring the weather to life.

The Ambiotherm, which attaches to the head, can simulate real-world environmental conditions - such as a cold wind or hot sun.

Scroll down for video



Professor Nimesha Ranasinghe created the device with his team at the National University of Singapore. The device creates thermal and wind stimuli, which enhance the virtual experience

The device consists of a wearable accessory which goes on the head, and a mobile application which generates virtual reality (VR) environments.

The thermal stimulation module is attached to the user's neck while two fans sit in front of the user's face.

AMBIOTHERM

The Ambiotherm is a wearable accessory that attaches to the user's head.

It simulates real world conditions from

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3. Pull Down



Learn the moves

Professor Nimesha Ranasinghe created the device with his team at the National University of Singapore.

'This means that we can simulate the wind blowing in your face, for example, as you ski down a mountain,' Dr Ranasinghe told **New Scientist**.

There is also a temperature module on the back of the neck.

snowy climates to not desert heat.

It has a mobile application which controls heat and wind stimuli.

The thermal module is attached to the users neck while two fans are directed on the user's face.



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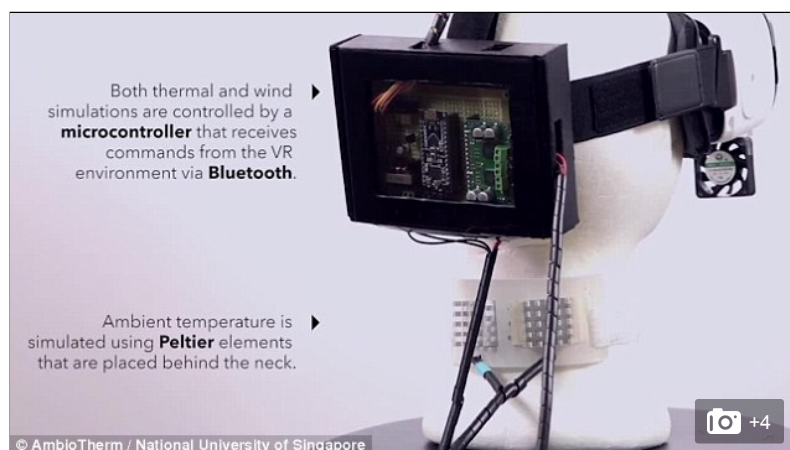
'So when walking through a virtual desert, we can simulate the harsh sun beating down on you,' said Dr Ranasinghe.

If heat is felt on the neck, the researchers say it is gradually felt across the whole body.

In the same way, the wind blowing in the user's face gives the impression of standing in an exposed place.



The thermal stimulation module is attached to the user's neck while two fans on the user's face simulate wind conditions



If heat is felt on the neck the researchers say it is gradually felt across the whole body

'We're studying how human emotion can be augmented using multisensory VR.

'The next step is to start including smells and vibrations,' said Dr Ranasinghe.

Ambiotherm will be presented at the Conference on Human Factors in Computing Systems in Colorado in May.

Ambiotherm isn't the only new device to be pushing the realms of reality.



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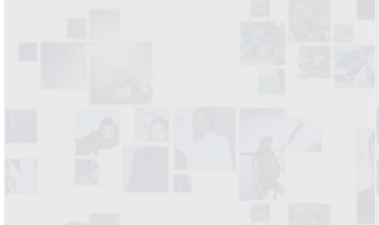
► **Abi Titmuss, 41,** reveals shock pregnancy... THREE WEEKS after announcing her engagement to actor fiancé Ari Welkom



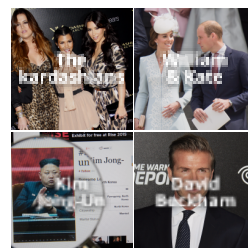
► **WWE legend John Cena** gets down on one knee and proposes to his girlfriend Nikki Bella in front of 70,000 fans at WrestleMania. Ring in the ring



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Ambiotherm will be presented at the Conference on Human Factors in Computing Systems in Colorado in May

CamSoda has launched a mask that delivers smells to the virtual reality experience, providing users with immersive aromas while watching adult entertainment.

Dubbed 'OhRoma', users wear a sensory mask, which resembles a gas mask, alongside their virtual reality headset.

The headset shows virtual reality porn, in which a selected man or woman appears to perform sexual acts on the user through a teledildonic device.

Take a look at this VR porn preview from Pornhub and BadoinkVR



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She's in style

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