# We'd sound like a Smurf if we talked on Venus, researchers reveal

THE truth is out there - and now you can hear it for yourself





ESA via Getty

If we spoke on Venus our voices would sound like "Smurfs" as its density would make our vocal cords vibrate slower.

In a world first, a team of researchers has created software to find out what it would be like to hear us talk on other planets.

They calculated how atmosphere, pressures and temperatures would affect how we sound.

Prof Tim Leighton, from the University of Southampton, led the study.

He said: "As a scientist, I reckon the most exciting thing to work on is a completely new idea, something that's never been done before.



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"On Venus, the pitch of your voice would become much deeper.

"However, the speed of sound in the atmosphere on Venus is much faster than it is on Earth, and this tricks the way our brain interprets the size of a speaker.

"When we hear a voice from Venus, we think the speaker is small, but with a deep bass voice. On Venus, humans sound like bass Smurfs."

The team of scientists also recreated other noises including whirlwinds on Mars, lightning on Venus and ice volcanoes on Saturn's moon Titan.

Astrium Planetarium, in Winchester, will play them at its Flight Through the Universe show tomorrow.

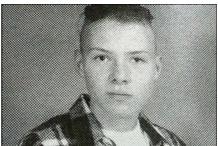


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Benjamin Timelord Horius

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Or like a bass Paul Hancock even..

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