



Neuroscientist: New Camera AI Will Read Thoughts And Feelings

Technocrats who are concerned with managing the 'herd' will want to keep track of the health of all. Cameras set up in public spaces will enable collection of your most private and personal data, without giving you any opportunity to opt out. In fact, you won't even know that you have been scanned. □ TN Editor

The data we share with companies online has become a hot-button issue, but new technologies could soon be scanning us as we go about our day.

That's the claim made by a neuroscientist, who believes that devices in the real world will start gathering unprecedented levels of information about us.

Our bodies give off various signals that can be scanned and analyzed by advanced computer systems, revealing everything from our current mood to our overall health.

In a similar way to wearable gadgets already available, future devices could be set up throughout public spaces to harvest this valuable bio-data.

Because they are part of our surrounding environment there will be no way for us to opt out or ditch the technology and new regulations will be needed, she warns.

The claims were made during a presentation given by Dolby Labs' chief scientist Poppy Crum, who has spent the past few years studying people's reactions as they watch films, at the Ted 2018 conference in Vancouver.

Using thermal imaging cameras, 'mind-reading' electroencephalogram (EEG) caps, heart rate monitors and skin response sensors, she can watch how volunteer's bodies and minds respond to what they watch on screen.

And its a small step to imagine these techniques making the move to the real world in the near future.

Speaking at the Ted conference, the BBC reports she said: 'We like to believe we have cognitive control over what someone else knows, sees, understands about our own internal states - our emotions, insecurities, bluffs or trials and tribulations.

'But technologies can already distinguish a real smile from a fake one.

'The dynamics of our thermal signature give away changes in how hard our brains are working, how engaged or excited we might be in the conversation we are having, and even whether we're reacting to an image of fire as if it were real.

'We can actually see people giving off heat on their cheeks just looking at a picture of flame.'

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