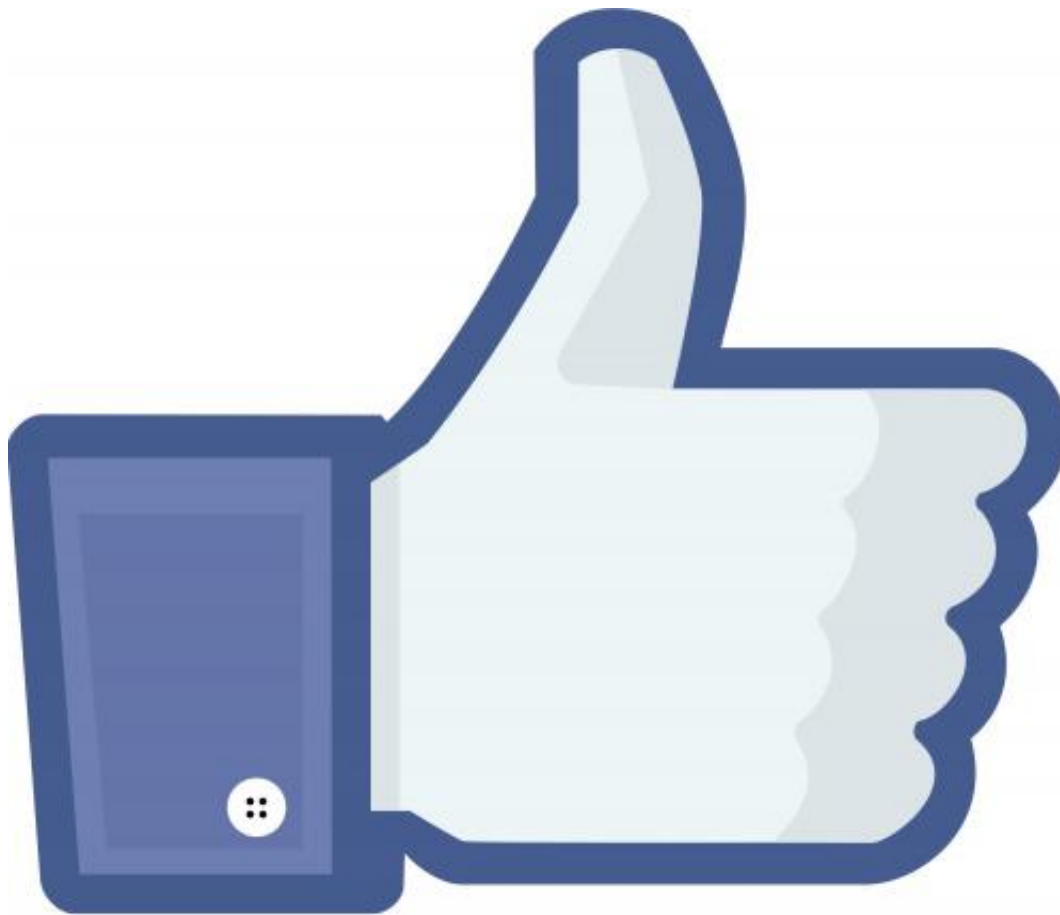


Why we underestimate time when we're having fun on Facebook

February 7 2017



Updating your Facebook status can be a fun way to while away the hours - but now it seems it really is making us lose track of time as we do it.

New research from psychologists at the University of Kent suggests that people who are using Facebook or surfing the web suffer impaired perception of time.

Researchers from the University's School of Psychology found that the way people perceived time varied according to whether their internet use was specifically Facebook related or more general.

Using well-established internal clock models, researchers attempted to separate the roles of 'attention' and 'arousal' as drivers for time distortion. The researchers found that Facebook-related stimuli can lead to an underestimate of time compared to general internet use, but that both lead to a distortion of time.

In the study, Lazaros Gonidis and Dr Dinkar Sharma, monitored the responses of 44 people who were shown 20 [images](#) for varying amounts of time. Five of the images were associated with Facebook, five had more general internet associations with another ten as neutral 'control' images.

Those taking part had to say whether the image they had just seen had been visible for a short or long time.

The key finding was that [people](#) tended to underestimate the time they had been looking at Facebook-related images to a greater extent than other more general internet related images, but that in both cases time was underestimated. This suggests that Facebook-related images affect [time](#) by changing how we pay attention to them. The findings are likely to have implications for future study into addictive behaviour.

The study, entitled 'Internet and Facebook Related Images Affect the Perception of Time,' is published in the *Journal of Applied Social Psychology*.

More information: Lazaros Gonidis et al. Internet and Facebook related images affect the perception of time, *Journal of Applied Social Psychology* (2017). [DOI: 10.1111/jasp.12429](https://doi.org/10.1111/jasp.12429)

Provided by University of Kent

Citation: Why we underestimate time when we're having fun on Facebook (2017, February 7) retrieved 24 April 2024 from <https://medicalxpress.com/news/2017-02-underestimate-fun-facebook.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.