

Sunday News No. 50

July 7th, 2019



João Sousa reached Wimbledon's last 16 yesterday after an [epic 5 set battle](#) with Dan Evans. This is the first for a Portuguese tennis player. "Now he faces [Nadal](#), just what you need after a 4h match" as written in the Guardian.

Our friend James Dubec, a Canadian that crossed the Atlantic more than twenty years ago, has always worked from Portugal to the World at [AG Films](#) (itself a great promoter of our country as you can see [here](#)). Now he started [AG Videos](#) providing affordable, high quality video starting in Lisbon but working also in London, New York, Montreal, Toronto and Vancouver. To see the great quality of his company's work, check [here](#).

Sunday News is a selection of about 20% of the links posted daily by the [Explora community](#). I can add you if you want (need to have a Facebook account). Newcomers can check previous Sunday News editions at [Explora live](#).

Have a Great Sunday
Antonio Camara

Education

[Huawei is giving 300 million dollars a year to universities for research with no strings attached](#)

[Ban the lecture](#). A new UK engineering university program relying on tutorials and industry projects

[Language wars](#): the 19 language spats of all time

[Google's six rules for great data design](#). Read the original [article](#) by our friend Manuel Sousa Lima, Google's Director of Data Visualization

[Don Norman on current design](#) and how it terrifies him

[On presentations](#). Excellent guide

[Algorithms to make you more effective](#)

[How to support open-source software](#). See also [Netherlands's recommended best practices for software development](#)

[In 15 years, we will upload education to our brains](#)

Mobility

A new ringtone industry: ["noises" for electric cars](#) will be mandatory

[Emotion aware cars](#)



[BMW to develop hydrogen fuel cell car](#)

[EU opens the road to 5G connected cars](#)

[These are the 20 best cities in the World to bike](#)

Food

[How virtual and augmented reality are upgrading the food and dining scene in India.](#)

Another example of augmented reality in the dining table can be found [here](#)

Cities, Nature and Clean Tech

[Why San Francisco techies hate the city they transformed](#)



[Phil Torres](#) “We live in a world where turtles have tears and butterflies drink them for the salt”

[Arctic fox goes from Norway to Canada \(3.500 kms\) in 76 days](#)

[The weirdness of octopuses](#)

[Wired bacteria form Nature’s power grid:](#) ‘we have an electric planet’

[Tree planting on a massive scale](#) could have a huge impact on climate change

Environmental documentaries: [on climate change](#), [Earth and Anthropocene](#)

[Recycling as a social credit:](#) China’s approach to trash sorting

Developing new companies

[Economics explains why there are so many music festivals now](#)

[Facebook’s currency is a joke](#). In a related article read about [Google’s blockchain strategy](#) of pursuing smart contracts rather than tokenization. See also [blockchain archives](#) from CB Insights

[Building Lyft’s marketing automation platform](#). AI powered marketing

[Revolut](#) is UK's top startup (kind of a UK company... founders studied at [Moscow Institute of Physics and Technology](#), the elite school in Russia). See Top 100 for 2019 [here](#).

[11 lessons from Venture Capitalist Fred Wilson](#)

AR/VR/AI

[Where we are in the AR's lifecycle?](#)

[The business value of AR](#), according to Michael Porter

[RealWear raises 80 million dollars for AR headset for connected workers](#)

[The problem with Harry Potter: Wizards Unite](#). Not enough magic with Pokemon Go's successor



[Walking the Titanic: recreating history with a VR experience](#)

[Robotic tiles can track your every step to create an immersive VR experience](#) (via Tiago Carita)



[Robots made of branches use Deep Learning to walk](#)

[How Facebook AI tags our photos](#)

[Machine learning has been used to automatically translate long-lost languages](#)

[Pattern radio: whale songs](#). Explore thousands of hours of whale songs using AI

[Betaworks](#) is developing interesting AR/VR/AI projects that you can see [here](#). reminding me of our own YDreams [Reality Computing vision](#) in 2006.



"We" are still winning: [AI fail: Japan's Henn-na Hotel dumps 'annoying' robot staff, hires humans](#)

Far out



The silly season: [“Swans. Pineapples. Angel wings. How the novelty pool float conquered Instagram”](#)



[The power of one push-up](#): simple ways to measure people's health

[Vienna's new ad campaign uses negative travel reviews to lure tourists](#)

[The end of movies as we know them](#)

[Great tech and haute couture in Paris fashion show](#)

[Researchers say they're closer to finding cure for HIV after using CRISPR technology to eliminate disease in live mice for the first time](#)



[Dominic Wilcox's periscope glasses for shorter people](#) (via César Barbosa)



[Influencers are now buying digital clothes that they will wear in Instagram but will never touch](#)

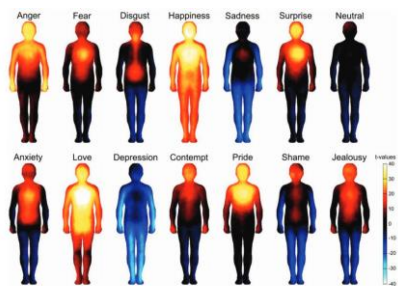


Figure 2. Bodily maps of emotions for the whole sample ($N = 3054$). The body maps show regions whose activation increased (warm colors) or decreased (cool colors) when the subject was feeling the indicated emotion ($p < 0.05$, FDR corrected; $t > 2.92$). The color bar indicates the t statistic range. FDR = false discovery rate. See the online article for the color version of this figure.

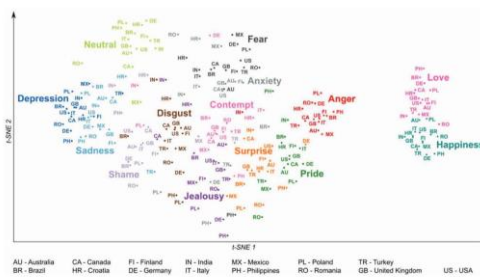


Figure 3. The t-distributed stochastic neighbor embedding (t-SNE) multidimensional scaling projection of the bodily sensation map data for each emotion in 15 countries with $N > 45$. Body maps that are similar are closer in the t-SNE space. Color coding indicates the a priori emotional categories denoted with larger words inside the clusters. See the online article for the color version of this figure.

Bodily representations of emotions exhibit substantial cross-cultural agreement. See full paper [here](#).

For emotion recognition using wireless signals see this [video](#)