

## Sunday News No. 28

This week summary on current investment trends and opportunities from my readings (just kidding)

We are makers and takers. The latter always dominated the former through violence. But now we can print guns: violence can become distributed. Widespread cameras, placed by takers, control it somehow. Anyway, the Real World is horrible for most of us. Fortunately, we can live and play in Virtual Worlds.

On top, in the Real World we must prepare for competing with the robots we are creating. Education will have to be robot proof. We also must be prepared for their uprising. Although one day they will be great for sex.

Sundance Festival New Frontier proposed a cure for our daily Real World problems and future robot competition: the development of Empathy Machines. Now we can go to Virtual Worlds and learn how to be Human.

**Newcomers** can check previous Sunday News editions at <https://myexplora.live/2018/09/08/explora/#more-10>.

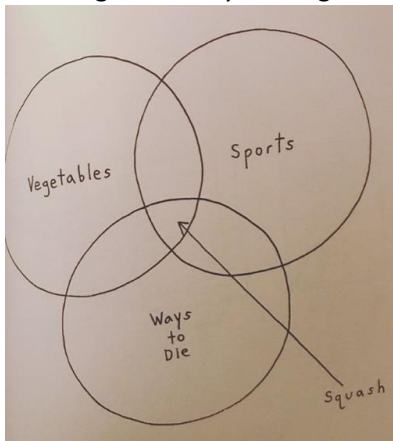
Sunday News is a selection of links posted daily by the **Explora** community at <https://www.facebook.com/groups/183536175571026/>. I can add you if you want (need to have a Facebook account).

Have a Great Sunday

Antonio Camara

## On Education

Learning set theory and logic



A pre-history of the periodic table

<https://www.nature.com/articles/d41586-019-00289-5>

Robot proof education

<http://www.bbc.com/capital/story/20190127-humanics-a-way-to-robot-proof-your-career> and <http://robot-proof.com/>

Revisiting a classic

<https://www.amazon.com/How-Survive-Robot-Uprising-Defending/>

Well done

<https://www.quantamagazine.org/foundations-built-for-a-general-theory-of-neural-networks-20190131/>

Browse current machine learning research (a great resource)

<https://tinyurl.com/yb52e8fa>

How to write effectively for international journals

<https://www.nature.com/articles/d41586-019-00359-8>

## **Food**

Impossible Foods mission

<https://medium.com/impossible-foods/the-mission-that-motivates-us-d4d7de61665>

Herdade do Freixo-do-Meio mission (in Portuguese)

<https://www.herdadedofreixodomeio.pt/os-principios-que-nos-guiam>

## **Mobility**

Great (but US centric) view on micro-mobility

<https://florentcrivello.com/index.php/2019/01/28/five-promises-of-micromobility/>

Smaller and cheaper electric cars are coming (via Tiago Carita)

<https://tinyurl.com/ycpd4olu>

<https://www.facebook.com/InTheKnowConservationByAOL/videos/2280541235523774/?t=12>

[https://www.youtube.com/watch?v=mMpnRV2q\\_7g](https://www.youtube.com/watch?v=mMpnRV2q_7g)

## **Cities, Nature and Clean Tech**

Cities and ambition

“One sign of a city's potential as a technology center is the number of restaurants that still require jackets for men. According to Zagat's there are none in San Francisco, LA, Boston, or Seattle, 4 in DC, 6 in Chicago, 8 in London, 13 in New York, and 20 in Paris.”  
[www.paulgraham.com/cities.html](http://www.paulgraham.com/cities.html) (an old classic)

Lisbon of the future, including Almada plans (paywall)

<https://www.timeout.pt/lisboa/pt/coisas-para-fazer/a-time-out-desta-semana>

Genetically engineered “sobreiros” no less

<https://www.popularmechanics.com/science/green-tech/a14000753/the-plants-that-could-save-us-from-climate-change/>

Packaging is changing

<https://www.fastcompany.com/90296956/a-coalition-of-giant-brands-is-about-to-change-how-we-shop-forever-with-a-new-zero-waste-platform>

## Developing new companies

Sales storytelling

<https://medium.com/@cambridgetricia/sales-storytelling-for-startups-ccb0af91f05a>

Better to keep your mouth shut

<https://www.cbinsights.com/research/big-company-ceos-execs-disruption-quotes/>

Neurotech market map

<https://www.cbinsights.com/research/neurotech-startups-to-watch/>

Pharma market map

<https://www.visualcapitalist.com/future-pharma-market/>

Naval Ravikant (CEO of Angel List) “The logic of violence determines the structure of society”

<https://twitter.com/naval/status/751506188504666112>

## AR/VR/AI

AR/VR in Sports

<https://mobile.twitter.com/ARVRinSport>

See also <https://venturebeat.com/2019/01/31/nextvr-will-offer-3d-hockey-highlights-starting-with-nhl-all-star-game/>; and AR and sports shoes (needs improvement)

[https://twitter.com/AR\\_Ojisan/status/1090757343107633153](https://twitter.com/AR_Ojisan/status/1090757343107633153)

What is XR (a term invented by Microsoft to combine AR, VR and MR)?

<https://www.visualcapitalist.com/extended-reality-xr/>

68 million dollars validation of Location Based Virtual Reality Entertainment (YDreams’ Arkave was heralded this week as one of the World’s best in LBVR by Intel’s VR Czar)

<https://variety.com/2019/digital/news/sandbox-vr-68-million-funding-1203120501/>



AI, being human and music

[https://motherboard.vice.com/en\\_us/article/nexbnw/nick-cave-on-why-ai-will-never-write-a-great-song](https://motherboard.vice.com/en_us/article/nexbnw/nick-cave-on-why-ai-will-never-write-a-great-song)

Anti AI nuns

<https://medium.com/fast-company/nuns-and-other-amazon-investors-pressure-jeff-bezos-over-face-recognition-f2ed4d5bb778>

@tomemrich

"Trends I saw coming out of #Sundance2019 New Frontier

1. Volumetric Video
2. Virtual Beings
3. Immersive Theater
4. Empathy Machine
5. Audience Agency
7. Exploration of AI
8. Spatial Audio"

### **Far out**

Local is good even if it is online

<https://www.theverge.com/2019/1/24/18129437/front-porch-forum-vermont-social-network-listserv-local-online-community>

Artificial Sun made in China (via Tiago Carita)

<https://www.businessinsider.com/china-east-experimental-advanced-superconducting-tokamak-nuclear-fusion-reactor-100-million-degrees-2018-12>

Six ways to get to space

<https://www.technologyreview.com/the-download/612864/here-are-six-ways-you-can-get-to-space-sorry-theyre-all-long-shots-or-cost/>

Self-powered smart patch for sweat conductivity monitoring with ultra-low energy Ynvisible displays (a huge achievement: body powered displays)

<https://www.nature.com/articles/s41378-018-0043-0>

Lasers beaming sounds to your ear

<https://www.livescience.com/64619-laser-sound-beam.html>

The "Replicator" is here

<https://www.nature.com/articles/d41586-018-07798-9>

Cyborg sex

<http://bostonreview.net/print-issues-gender-sexuality/cathy-oneil-history-cyborg-sex>

### **Readings**

Globetrotting

<https://www.nytimes.com/interactive/2019/01/19/books/new-books-international.html>

"Surveillance capitalism"

<https://www.publicaffairsbooks.com/titles/shoshana-zuboff/the-age-of-surveillance-capitalism/>

"Thinking in Bets" by Annie Duke (via Luis Camara)

<https://medium.com/swlh/all-in-lessons-on-decision-making-from-a-legendary-poker-player-6cebf6edfdaf>

