

Sunday News No. 17

Random notes from random sources

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“Better to try and fail than fail to try. Skeptics never did the impossible. Ignore caution from people who do nothing but pontificate but understand that failure is a distinct possibility, in fact a probability.”

General Loureiro dos Santos died yesterday. I had the honor to work with him in NOVA's General Council. We tried that our University would seek the impossible. We failed, but we tried.

If I had to write a claim for Portugal, I would select “Portugal, We Do the Impossible”. We did it 500 years ago. We are finally re-doing it now (not only by being European Champions in football).

General Loureiro dos Santos was a key maker of this reborn Portugal. He helped to design a safe, secure, democratic and tolerant country, with a generation of researchers and entrepreneurs that are doing the impossible. I will really miss him.

Have a Great Sunday

Antonio Camara

On Education

An encore: South Korea's amazing hardware/software books for U15 students to learn how to make AI, IOT, VR, video-gaming, driverless cars, space launch, CRISPR, sports analytics applications

https://community.computingschool.org.uk/resources/5376/single?fbclid=IwAR24j0ag9bTSPdYQrQyoxkEGcCc5Q5-VaBLFh-N3JA5_1m5Yy6gSUtu4Zsc

A great humble bundle collection for makers

https://www.humblebundle.com/books/do-it-yourself-books?fbclid=IwAR3HqbH0Us8_vrnOIHmZEdGwnHU5jKOyPAofJ7gnRSLqsGDX1TYIWegGknU

Google Drawings and Images are now available

<https://tinyurl.com/y936poox>

and

<https://storage.googleapis.com/openimages/web/index.html?fbclid=IwAR3w51MBykD9sUzkhVbfonTx1JNFq8paOFqU9QZmn8b0bgD0NYA7mOZEZJA>

Undergraduate research done right

<https://tinyurl.com/ybxjsvfj>

Food and drink

Traditional Portuguese products. A great site by Direcção Geral da Agricultura e Desenvolvimento Rural (via Miguel Esteves Cardoso)

https://tradicional.dgadr.gov.pt/pt/?fbclid=IwAR0zKNQBnEgvVi52DqhjbFJ3oyzflTfie7e6rZ_ksaNYIz2yzJ4dRDxXTc

Faux beef by Impossible Foods

<https://tinyurl.com/ycjydd4t>

Urban Food pitch by Canguru Foods (aka Lisbon's Australian resident Michael Parkes)

<https://www.youtube.com/watch?v=4FrPpdIDaxY&fbclid=IwAR1xMzdfk7plfO-UcIMx7Wq6OWP0sDOztlsLSuGPEmNqVNzYa66sm4P4Zpk>

Copyrighting the taste of food

https://qz.com/1462742/can-the-taste-of-cheese-by-copyrighted-an-eu-court-says-no/?fbclid=IwAR3wSRfHCAuBvV_XgRPFmIBfWPWr4GL4UDB0ILQfd1IUCLWcvVS0YGYPIsl

Mobility

Waymo's driverless car services are coming

<https://tinyurl.com/y7g9gsa5>

New batteries for electrical cars

<https://tinyurl.com/yckv6yky>

Clean Tech, Nature and Health

Here's how trees secretly talk to each other (via Margarida Guerra)

<https://www.facebook.com/bbctwo/videos/2037397152946067/?t=6>

Nature's Recipe Book, a materials library (via Cristina Gouveia)

<http://materiom.org/?fbclid=IwAR2Le0MLic-Anu7HO55PyOyQp24DiExxa-6BxPxp0g1dIQDJHEwxUjDUfY8>

see also Catarina's Mota fantastic <http://openmaterials.org>

Cloud seeding: making it rain

<https://tinyurl.com/yakxn8r3>

All day wearable monitoring

http://advances.sciencemag.org/content/4/11/eaas9530?fbclid=IwAR3dpFecSNFioQkSb1SYyP_OReo9s8_uM1qQi_P6Vu_B8T5iQsAFEB-25gSA

New photo cells

<https://spectrum.ieee.org/energywise/green-tech/solar/hybrid-photocell-generates-power-and-hydrogen?fbclid=IwAR0egbirWA3vYNgzh228jkt67JgRopcX8frDySfRFz7DHS-DqHkcLW4M8o>

Cryptos

Will smart contracts eat the World?

<https://tinyurl.com/yapnfwd5>

Christine Lagarde's great speech

<https://tinyurl.com/y94qgge6>

Bank of England's John Lewis views on cryptos

<https://tinyurl.com/y97hmm59>

Other assorted verticals

e-sports monetization

<https://tinyurl.com/y9cpwjj7>

The big five and gaming

<https://tinyurl.com/yawqxmxy>

Blockchain and healthcare

<https://tinyurl.com/yc9p8fyl>

Developing companies

Starting a company

<https://tinyurl.com/yc44jya9>

Growing a company

https://andrewchen.co/how-to-build-a-growth-team/?fbclid=IwAR3qHmOlOhCVmYc5bB0D0qYUtJmZKRtIGyailOOGxFVUjF_h9qFFUacgEXA

Corporate innovation

<https://tinyurl.com/y97lbyy9>

Berlin startups

<https://tinyurl.com/ycghrt8e>

Rent the Runway

<https://tinyurl.com/yb6wov9a>

Rent the Runway as an early rival of now defunct Chic by Choice, a company started by Filipa Neto and Lara Vidreiro. Filipa and Lara were miserably trashed after their failure by the "old" Portugal. But they had the right idea.

Augmented and Virtual Reality

Video-conferencing sucks. Spatial is the answer?

<https://tinyurl.com/yawx8s49>

The saviors of coin-op (including Arkave by YDreams Global). Well done review

<http://arcadeheroes.com/2018/11/09/iaapa-2018-preview-augmented-mixed-virtual-reality/?fbclid=IwAR1XNKBCh-ihmlEN55aOErE8P-586zrGGS-JJ0vruNmh6rpCML2EXMRHrPs>

Huawei AR glasses

https://www.cnbc.com/2018/11/14/huawei-augmented-reality-ar-glasses.html?fbclid=IwAR1-KgCbT_6UTBatD5WguvvkZQ0QIT9XWSOXOC9u_589GBrTVsaBHci0t4

We have done it

<https://medium.com/volograms/augmented-reality-is-the-next-audio-guide-2a098c926bc7?fbclid=IwAR175TLt8Nj3FN4T34hhwyZeHmuzRoBltyM8GdMmQ0v82MrZrkkeBoyrbu0>

AR/VR and the NBA

<https://tinyurl.com/y963ustz>

AR/VR and storytelling

<https://variety.com/2018/digital/news/new-ar-vr-worth-watching-this-week-crow-wonderscope-age-of-sail-1203030992/?fbclid=IwAR1ulEn31L2mgqjIrcDLQlvn5ttj6f4DkayK06mIZzYpEuYyNRWd1AgAeVQ>

Artificial Intelligence

How AI will change 3D

https://www.youtube.com/watch?v=FlgLxSLsYWQ&feature=youtu.be&fbclid=IwAR20KSsEhEZAPeAz2VW2zmu4R1iNjNRLkxGJS_i3hq85DtcOfG8mKOYIKw

Modular robotics

http://news.cornell.edu/stories/2018/10/shape-shifting-modular-robot-more-sum-its-parts?fbclid=IwAR21UITIfqm5GfUPI2g42pOc54_dmtdeY1LXonTNo-xx-9MIK7PTcdTssek

May A.I help?

https://www.nytimes.com/interactive/2018/11/14/magazine/tech-design-ai-chatbot.html?rref=collection%2Fsectioncollection%2Fmagazine&fbclid=IwAR28-eWyjdmvgE_u6i4oyFiTiuiOKpsv9PixOc0XE0-joYRPGcx7c3kxZSE

Far out

Love and sex with robots

http://loveandsexwithrobots.org/accepted-papers/?fbclid=IwAR31sWhA4DOdZvRfn6L541PtiumMQKa1imOAM_HGjoeSkeralVQntGL-rUg

Being bionic

<https://tinyurl.com/y9s2hcqt>

Lab grown mini brains

<https://tinyurl.com/yaoegxk7>

30 Years of American Anxieties

<https://pudding.cool/2018/11/dearabby/?fbclid=IwAR39RmRiPxHoJ6ngB0sNTFiALNEhq0NZ56pYcbS2027gX4nr6NtqTn-p4Cg>