

Sunday News No. 132

January 31st, 2021

[Fernando Santana](#), a former Dean at [FCT-NOVA](#) and a colleague of mine for 38 years, died suddenly this week. A terrible loss.

Fernando was first and foremost a great engineer and professor. He helped changing the country, with his involvement in major environmentally related projects.

His work as a Dean was also remarkable. He cared about student's development, greatly improving the curriculum. FCT-NOVA became the school with probably the largest entrepreneurship course in the World (1000 students). He also fostered the research environment, and FCT became the leader in [ERC](#) grants in Portugal. Fernando was also instrumental in growing and keeping fifty deep tech startups on campus. He often followed the development of future micro-vehicles, micro-satellites, autonomous deep- water submarines, labs-in-a-chip, real time gaming and the Internet of Everything at those companies as he understood that they were a vital part of the campus.

We exchanged mails recently. He was extremely happy with [Ynvisible](#)'s break-out in the stock market. This was a company that started in a lab at FCT. [Ines Henriques](#), Ynvisible's brain and soul for many years, is one his best former students. The initial research also came from FCT via our common friend [Fernando Pina](#)'s World class chemistry lab.

Fernando created a human environment at FCT NOVA that was enjoyed by everyone. On top, he always had a joke to break the ice. He is going to be sorely missed.

Sunday News is a selection 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](#). Read Sunday News' First and Second-Year Highlights [here](#).

Antonio Camara

Education

[Free calculators of all kinds](#)

[Developing a high-performance digital education ecosystem](#)

[Paragon One- remote externships for ambitious students](#)

[Hands speak: how casual gestures shape what we hear](#)

[Raio do núcleo do hélio medido com uma precisão “sem precedentes”](#). A major achievement involving FCT NOVA's Jose Filipe Santos research team

Food

[One Tasmanian's 54-year obsession to catalogue all of the world's edible plants to end malnutrition](#)

[Plant based watchlist](#)

[The future of food tech](#)



[Baidu unveil smart chopsticks that detect contaminated food](#)

Mobility

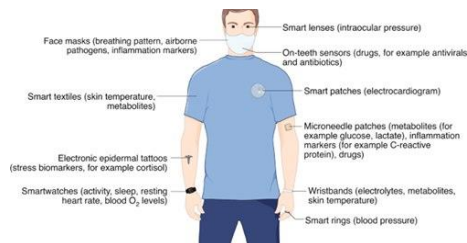
[GM's futuristic delivery vehicle: Brightdrop!](#)

[Airbag jeans for motorcycle riders](#)

US Department of Transportation has new rules for [drones](#) and [autonomous vehicles](#)

[An introduction to electric flight](#)

Health



[Wearable devices for the detection of COVID](#)

[The past, present and future of digital contact tracing](#)

[What can COVID teach us about the mysteries of smell](#)

[How epidemiology has shaped the COVID pandemic](#)

[First-of-its-kind bionic vision system heads for human trials](#)

Sport

[New football league puts fans in charge](#)

[Discussing skateboarding with filmmaker Werner Herzog](#)

Cities, Nature and Clean Tech



[Why two of the world's most innovative design firms are moving to an old shipyard](#)

[Lessons from the host defenses of bats, a unique viral reservoir](#)

[Enshrining sounds and smells from the countryside](#)

[Creating tools and practices for zero food print in the Finnish restaurant industry](#)

[Google sustainability](#). Inês Sousa and Rita Margarida, two former FCT NOVA students, have senior positions at Google in this area

[Altasea](#), where ocean science meets business, education and the community

[How much pollution can technology erase?](#)

Startups working on CO₂ absorption: [Noya](#), [Global Thermostat](#), [C-Combinator](#) (working with seaweed), [Opus 2](#), [Living Carbon](#), [Novo Nutrients](#)

[MIT convenes influential industry leaders in the fight against climate change](#)

Developing new companies

The Top 10 Crypto Newsletters: 1. [@Blockworks](#) (News) 2. [@APompliano](#) (Finance) 3. [@coinmetrics](#) (Data) 4. [@MartyBent](#) (Bitcoin) 5. [@RyanSAdams](#) (Eth) 6. [@MessariCrypto](#) (Commentary) 7. [@scottmelker](#) (Trading) 8. [@jimmysong](#) (Bitcoin) 9. [@evan van ness](#) (Eth) 10. [@nic_carter](#)

The Game Stop affair: [The revenge of retail](#); [4 things to know about the Game Stop insanity](#); [The Game Stop reckoning was a long time coming](#)

[Best templates for a cold fundraising outreach campaign](#)

[A quickstart guide to positioning](#)

[Hardware is hard](#)

[The guide to Austin's startup ecosystem](#)

[Tech in 2020](#), an exceptional presentation by Benedict Evans

AR/VR/AI/IoT/Quantum Computing/Bio



[Facebook AR/VR Head calls for big shift in how it deals with user privacy](#)

[Snap turning virtual reality into real money](#)

[Google open sources Tilt Brush VR software](#)

[The future of social networks may be audio](#). See also [Clubhouse](#), drop-in audio

[Sensory rooms for people with memory disorders](#)

[Public Artificial Intelligence: a crash course for politicians and policy professionals](#)

[Independent auditors are struggling to hold AI companies accountable](#)



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Far out



[Smart toilet seats for old people](#)

[Government by algorithm: the myths, challenges and opportunities](#)

[Finding happiness at home](#)

[The future of musical theatre is on TikTok](#)



[Westinghouse total electric home in the 1950's](#)