

Sunday News No. 128

January 3rd, 2021



Really happy for [Omnidea](#) and its CEO Tiago Pardal, our neighbors at [YDreams Building](#). Omnidea is one of the most innovative space companies in Europe. Tiago is a World class inventor.

[Omnidea](#)'s advanced re-usable rockets and micro-satellites fit into the deep tech tradition of the 13-year-old building. This is the place where [marker-less augmented reality](#) was invented, the [first commercial swarm robotics project](#) developed, the [lowest energy consuming displays](#) created, and the first [aquatic drones](#) prototyped. More recent developments include new [micro-vehicles](#) and [scooters](#), [brain-machine interfaces](#), [lyme disease and Covid rapid testing tools](#), and game changing real time entertainment and AR/AI platforms to be launched in 2021. YDreams Building is also the home of [The Inventors](#), one of the [most innovative ed-tech companies in the EU](#). They reach yearly thousands of future inventors and entrepreneurs.

In 2021, [YDX](#) (which has its roots in the building) wants to open there a [VR gaming development center](#) and [e-sports academy](#) for the NOVA FCT community. YDX has [Disney](#), [NBA](#), and [Coca-Cola](#) as VR clients. It also has a complete esports ecosystem including venues, leagues, tournaments, media, and a competitive teams division based in Canada, US, Brazil, and UK.

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](#).

Happy 2021

Antonio Camara

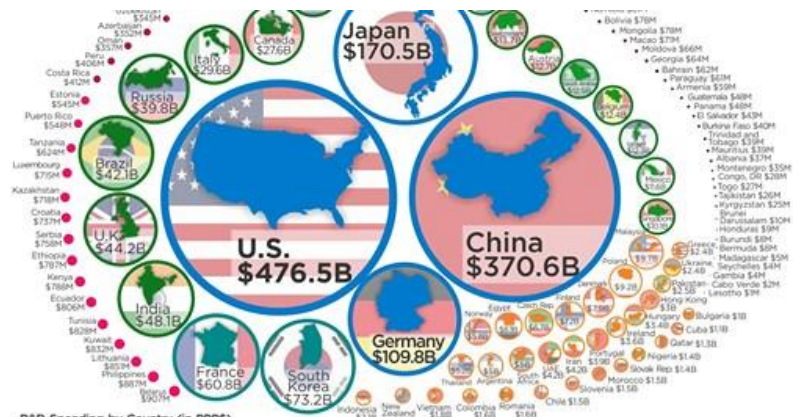
Education

[How Claude Shannon invented the future](#)

[My Dinners with le Carré](#). "What I learned about writing, fame and grace when I spent two weeks showing the master spy novelist around Miami"

[Professor utiliza Half-Life: Alyx para dar aula de matemática](#) (virtual reality)

[Fund people, not projects I: The HHMI and the NIH Director's Pioneer Award](#)



[Infographic: how much countries spend in R&D](#)

[A no-bullshit piece of advice by NYU's Scott Galloway](#). US centric but interesting

[The most common pitfalls of design thinking](#)

Health



[Italy turns to flower power to help spread vaccine message](#)

[How mRNA went from a scientific backwater to a pandemic crusher](#)

Sports

[Basketball on the brain: Neuroscientists use sports to study surprise](#)

[NBA: digital trading cards, crypto blockchains and tokens](#)

[Russell Okung's bitcoin salary could trigger more pro athletes to invest](#)

Mobility

[Will my daughters ever drive a car?](#)

Cities, Nature and Clean Tech

[The darkest timeline](#). “Deep Adaptation” made people confront the end of the world from climate change. Does it matter if it’s not correct?



[Japan developing wooden satellites to cut space junk](#)

[The Air Force is building a spacecraft that will beam solar power to Earth](#)

[Poznan uses clams to control its water supply](#)

Developing new companies

[Cremes açorianos à conquista da China](#). [Ignae](#) comes from one of the most beautiful places in the World

[Neocis, the maker of dental surgery robots, roots out another \\$72 million](#)

[Israeli computer vision startup raises \\$60 Million to expand ‘frictionless’ checkout](#)

[How a former ballerina turned Mirror into a \\$300 million exercise phenomenon](#)

[Amazon Location – Add maps and location awareness to your applications](#). See also [Google Maps’ moat is evaporating](#)

[Content over-supply and the future of the media business](#)

[On “platformizing”](#)

[Endnotes on 2020: crypto and beyond](#), by Vitalik Buterin

[What is going to happen in 2021](#), by Fred Wilson

[Looking back from 2040, what will be the Capex heavy companies that will be founded in 2020-2025?](#) @brettbivens

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

[The impending birth of the Metaverse and why you should care](#).

Pixar’s Soul movie is a great inspiration for augmented reality concepts as [Ori Inbar](#) shows [here](#) and [here](#). Also, via Ori: [Mobile AR users approach 600 million](#); [the XRSI privacy framework for AR/VR](#)

[AR, a medium for social change](#)

[RPR Develops Saatchi Art's "View in My Room" web-based AR feature](#) lets you view over 1.4 million works of art in your home before buying online~



[LG wants to put transparent OLEDs in restaurants and subways](#)

[Virtual humans](#). Virtual influencers explained

[5G+4D= New realities](#)

[How the new virtual reality 'Star Wars' experience gets us closer to a theme park 'metaverse'](#)

[The lasting lessons of John Conway's Game of Life](#)

[How AI beats physics at its own game](#)

[Hidden computational power found in the arms of neurons](#)

[An earnest review of a robotic cat pillow](#)

[The Graph lets you develop decentralized apps on Ethereum and IPFS](#). Via Luis Camara

[Ynvisible welcomes Seda Evis to Advisory Board and to close Private Placement](#)

Far out

[Brexit deal mentions Netscape browser and Mozilla Mail](#)

[Why Chinese youngsters are embracing a philosophy of "slacking-off"](#)

[The North Carolina kid that cracked YouTube's secret code](#)

[Nearly half a billion users played Among Us in November](#)

[33 moments of unintentional comedy that brightened up 2020 \(kind of\)](#)

[Most engaging stories, blog posts and infographics of 2020](#)

[Sixty-two films that shaped the art of documentary filmmaking](#)