



THE BIG REVEAL

presents

CES 2022 SPECIAL EDITION

FEATURING FUTURIST AMELIA KALLMAN

Introduction

Happy New Year!

Welcome to issue #41 of [The Big Reveal](#), my innovation newsletter. You can also watch or listen on YouTube [here](#).

This month is a special **CES 2022** edition, covering top picks from the biggest technology show in the world!

Looking forward to speaking at the European Technology Chamber's 'Women in the Metaverse' [event](#) 25th January.

Hope to see you all in Barcelona at [ISE 2022](#) 1st - 4th February! I will be hosting and speaking at [The Smart Workplace Summit](#), as well as hosting the Influencers Lounge, and several other events to be announced. Be in touch for discount codes and tickets.

Check out the latest episode of [XR Star](#) all about the 'Future of Play', and please be sure to subscribe (and give it a 5 star rating - It really helps - Thanks!)

Wishing you all the best in the year ahead!

Amelia

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CES 2022
JAN 5-8 | LAS VEGAS

01

Razor MR

Foldable and lightweight at 85 grams, ThirdEye's Razor MR Glasses are comfortable to wear for extended periods of time. Aimed at consumers, applications include immersive gaming, watching TV and film with spatial audio, telehealth, remote assistance, social media, and a range of 100+ new and forthcoming multiplayer metaverse apps. Running on the 9.0 Android operating system, it has a 43° field of vision (FOV) (equivalent to a 120"-inch display) and an 8-hour battery life. They will be shipping later this year. The glasses alone are \$699, which plug into phones for battery/power, or it's \$1,199 for the glasses with a compute pack for processing.

[Website.](#)



Image by Third Eye

02 AirNEO

A CES 2022 Innovation Awards Honoree, Air Selfie's fourth generation camera drone, AirNEO takes off and lands right from your hand without the need for a controller, so your smartphone can stay in your pocket. Its AutoFly™ mode allows storytellers to record their worlds using AI body-tracking and facial detection to perfectly frame photos and video using 360, Orbit, Zoom, Wide, and Video modes. No additional stabilization or post-processing is required.

[Website.](#)



03

OMI

Fluigent, a leader in microfluidics, has unveiled OMI, the world's tiniest lab. OMI mimics living organs such as skin, lungs, and the brain through 'organ-on-chip' technology. This allows scientists to predict the human response and work remotely, without the need to experiment on animals. Smaller than a shoebox, this portable, connected device uses in vitro models that they hope will accelerate the development of new drugs, study of infectious diseases, and the ability to personalise treatments in record time.

[Website.](#)



04 iX Flow with E-Ink

Introducing a novel, futuristic concept, BMW coated their new iX Flow car with electrophoretic coating, the same found in most e-readers. This means that with a touch of a button, one can change the colour of their car. In warm weather, the car can be white to reflect the sun and conserve energy, while in the winter, change to black to help store warmth. Eventually they intend for it to include all colours of the rainbow, allowing the vehicle to be a means for self expression.

[Article.](#)



05 TactGlove

bHaptics have announced TactGlove, haptic gloves that allow you to feel digital objects and environments on your fingertips through haptic sensation. Designed to work with camera-based hand tracking systems, such as Meta Quest or Hololens 2, the glove comes equipped with 10 Linear Resonant Actuators (LRA) which can be individually programmed and controlled using the bHaptics SDK. They are available in a range of sizes, machine-washable, untethered, and priced at \$299.

[Article](#)



Image by bHaptics

06 Cocktail Robot

The Black + Decker Bev Cocktail Machine is a self-cleaning home 'robot bartender'. The system mixes a pod (in the style of Nespresso) containing juices and bitters specific to classic drink recipes, with liquor, and makes a perfect cocktail within 30 seconds. With options for singles, doubles, or shots, the appliance costs \$300 and will be available later this spring.

[Article](#)



Image by Black + Decker

07

Samsung's NFT TVs

Samsung have plans to integrate a first-of-its-kind “NFT Aggregation Platform” on their smart TVs later this year. Users will be able to buy NFTs directly from their TV sets with NFT integration included in Samsung’s Neo QLED, MicroLed, and The Frame models. It also offers a way for users to access all of their digital collections in one place, as well as showcase their NFT wealth.

[Article.](#)

NFTs



08 Ameca

Ameca is a life-size, genderless, humanoid robot by Engineered Arts that blinks, shrugs, grimaces, and talks, striking an 'instant rapport' with anyone. It uses facial detection, can track where sounds come from, and its voice radiates from a speaker on its chest. Currently used for research, education, and entertainment, Ameca could be employed to greet attendees at events and tradeshow, or give directions at malls and airports. While the company takes great care to describe the robot as "non-threatening," that is yet to be determined.

[Article](#)



09 La Vitre

La Vitre is a 7-foot video call 'teleportation' device. This standalone digital window works when both parties - wherever they are in the world - each have a La Vitre installed. When not in use, the screen clouds over, but with a simple knock, the office on the other end can join making it so two or more people are virtually stood in front of one another. It's also a touchscreen, offering instant collaboration opportunities. With integrated speaker, camera and microphone, it also works in 60+ languages and can automatically translate on the screen.

[Website.](#)



10 PS VR2

While Sony didn't show off a prototype of the PS VR2, name a release date or price, they did fill us in on some noteworthy innovations it will feature. The headset will include haptic feedback, meaning gamers can feel objects passing close to their character's head and have a deeper sense of presence. Its advanced eye-tracking and foveated rendering will cut down on processing needs, while allowing games (and advertisers) to pick up on subtleties of reactions and emotions. It will also include 3D audio, 4K HDR, 90/120Hz frame rates, and 110° FOV.

[Article.](#)



Thank you

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THE BIG REVEAL

The End

