A futuristic female humanoid robot with a metallic, gold-colored body is seated in a dark chair. She has a human-like face with yellow eyes and is connected to several thin, brown wires that run from her head and hands down to the floor. The background is a gradient of teal and blue.

THE BIG REVEAL

FEATURING FUTURIST **AMELIA KALLMAN**

Introduction

Welcome to the 30th edition of my monthly innovation newsletter, The Big Reveal. You can also watch or listen on YouTube [here](#).

Recently I've enjoyed speaking on 'The Future of Social Interactions' and 'The New Normal', as well as judging The AV Awards.

I'm pleased to announce I will once again be hosting and programming [The XR Summit](#) at ISE 2021 in Barcelona.

*If interested in potentially speaking or attending, please [register your interest here](#).

Wishing you all the best,
Amelia
www.ameliakallman.com



01 ReonPocket

Sony have released a wearable air conditioner slash heater. The Reon slips into a pocket at the base of the neck on an undershirt and is controlled via bluetooth to a smartphone app. It can cool body temperature by 13°C (23°F) and raise temperature by about 8°C (14°F). Weighing 85 grams and lasting 90 minutes per charge, it's currently on sale in Japan for approximately \$130.

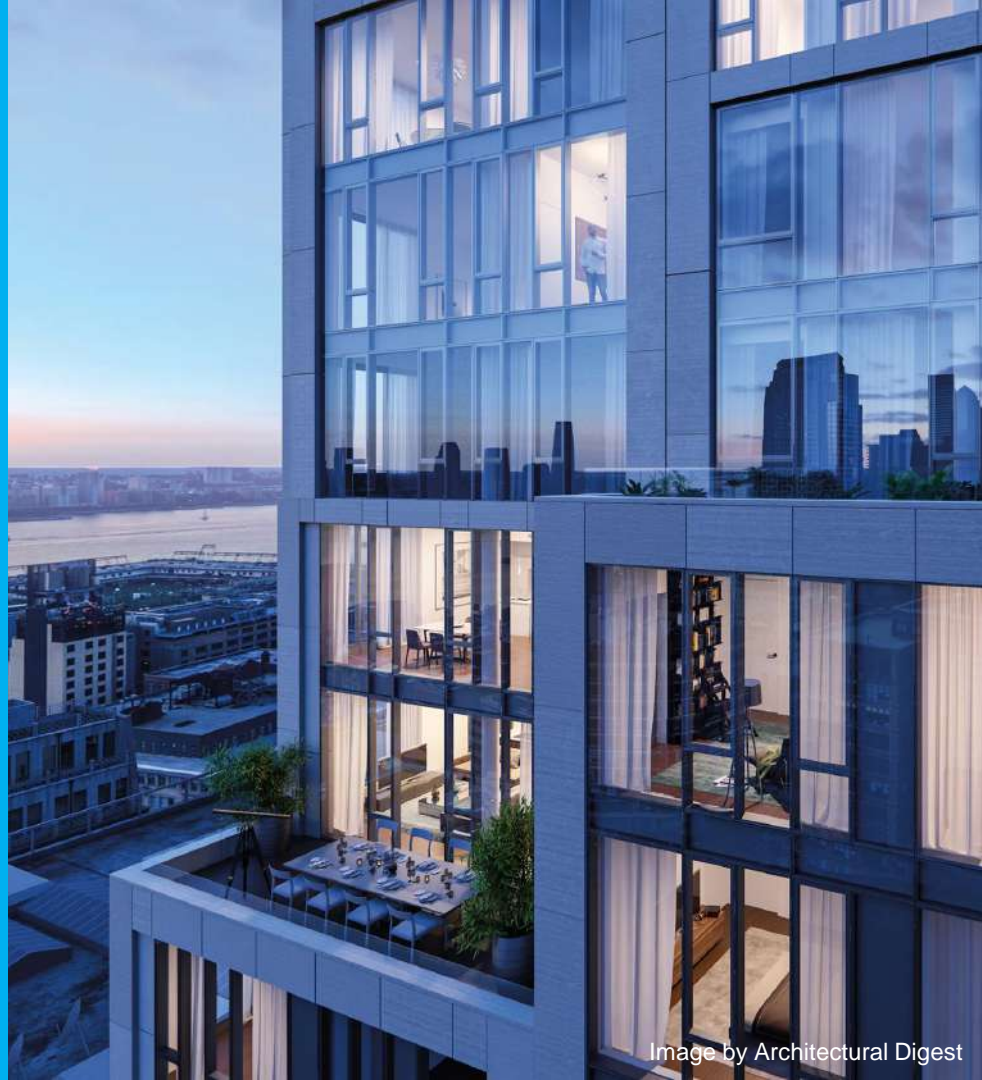
[Website](#)



02 PURETi

PURETi is a spray or print treatment that turns surfaces into air purifiers. Windows, facades, and outdoor signage become continuously self-cleaning while improving air quality. The Guggenheim Museum Bilbao's recent outdoor banner campaign coated in PURETi claims to have the equivalent air purifying impact of over 700 trees and may also help prevent the spread of COVID-19.

[Website.](#)



03

Macro-Eyes

Health startup Macro-Eyes aims to transform health care through artificial intelligence. CHAIN - Connected Health AI Network - is their AI vaccine forecasting tool that was able to reduce vaccine wastage by 96% across Tanzania, while their patient appointment scheduling platform Sibyl reduced wait times by more than 75% at a large hospital in the U.S. The company believes that machine learning must confront data challenges in difficult environments, engaging where the problems are hardest to become smarter, faster, cheaper, and more resilient.

[Website.](#)



04

Walkcar

Walkcar by Cocoa Motors is a portable vehicle the size, weight and shape of a laptop. It uses four sensors that react to a shift in weight to accelerate, decelerate, and turn. It goes 16km per hour and weighs 2.9 kg (6.4 lbs). It automatically stops when you step off and can go up inclines up to 10 degrees. It's currently taking preorders for \$1,844.

[Website.](#)



Image by WalkCar

05

C-Mask

Japanese startup Donut Robotics has developed C-Mask, a smart face mask that will translate your voice in up to 9 languages while protecting from coronavirus. It records your voice, transcribes it into a text message, and sends it via Bluetooth. It can also make calls, record and transcribe meetings, and amplify a wearer's voice. Masks will cost around \$40 and will start shipping in September.

[Website.](#)



Image by Donut Robotics

06

AutoAdjust

Apple's latest patent in regards to their future AR glasses focused on the ability for lenses to automatically adjust according to the eyesight of its user. It suggests that the optical module associated with individual eyes will be able to modify displayed images to correct the user's vision. The tech company has also recently swept up a bunch of ex-Magic Leapers, so will be interesting to see if more patents follow. No release date has been named.

[Article](#)



07 OURA Ring

Research suggests that the OURA Ring is able to predict cases of the coronavirus up to three days in advance with 90% accuracy. Worn everyday the wearable collects biodata to create a personal profile which includes information on heart rate, temperature, and respiratory rates. Any fluctuations may predict a person's illness before the onset of symptoms, and by focusing on the asymptomatic and contagious stage, hopefully it can help stop the spread of the virus. Available for \$299.

[Website.](#)



08 Gucci AR

Gucci partnered with Snapchat for the platform's first global branded AR shoe try-on lenses. The AR lens overlays a digital version of four pairs of shoes on a smartphone user's feet and allows them to be purchased immediately through the app. AR gives brands a way to provide customers safe and immersive experiences on the go or at home. According to Snap data, Snapchat reaches 75% of people ages 13 to 34 and 90% of people ages 13 to 24 in the U.S.

[Website.](#)



Image by Snap

09

Bodyform

Bodyform employed an all female team of animators and illustrators to create #Wombstories, a moving ad campaign that spotlights the complex and unspoken truths about wombs, vulvas and periods that challenges taboos and shame surrounding women's bodies and health. With 40% of women who feel their mental wellbeing is negatively impacted as a result of not being able to openly share their experiences, Bodyform has taken a game-changing and inspiring stand that is resonating with people around the world.

[Watch it Here.](#)

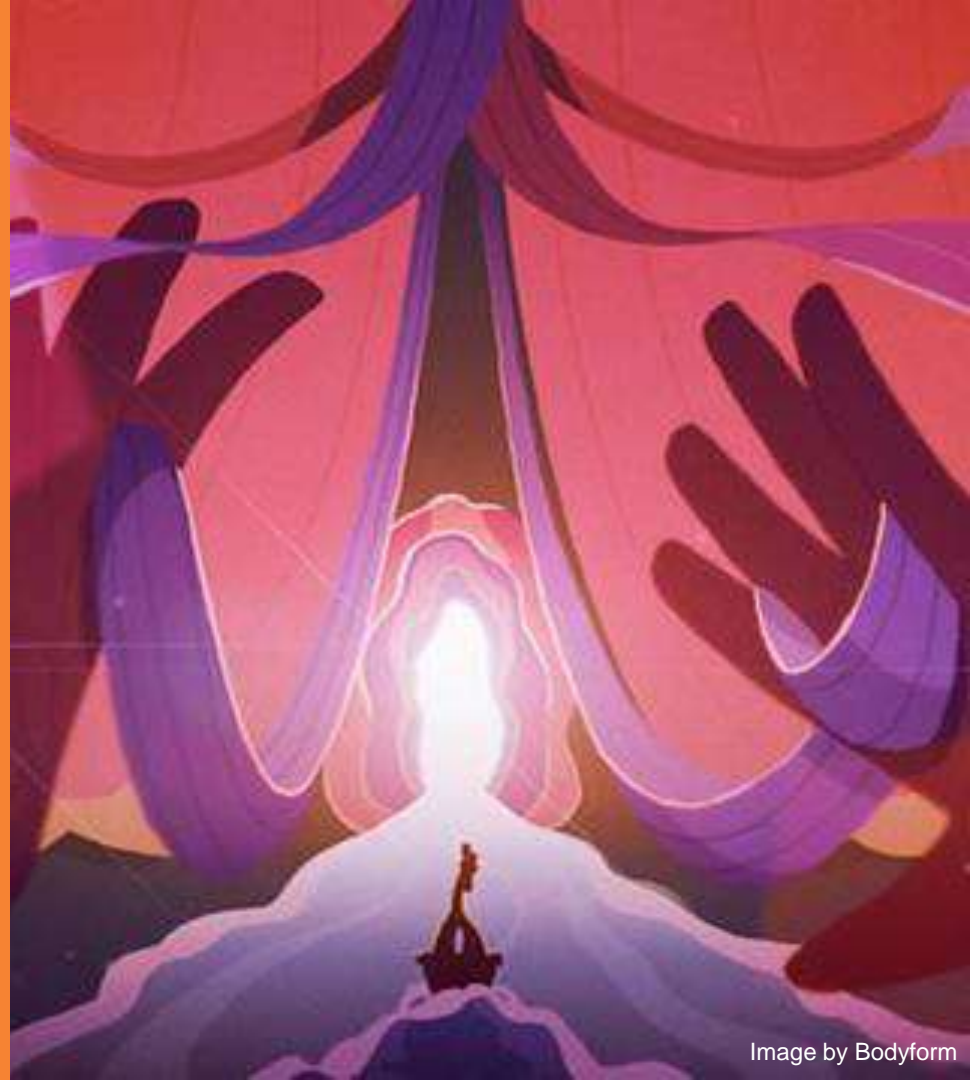


Image by Bodyform

10 Robotic Dolphins

Edge Innovations have developed a hyper-real robotic dolphin intended to reimagine the entertainment, educational, and business potential of the marine animal industry. Bringing together live puppeteering, programmed behavior, and artificial intelligence, these dolphins could set an example for future entertainment applications of AI and robotics to come.

[Article.](#)



Image by Edge Innovations

Thank you

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