

# The Big Reveal

With Futurist Amelia Kallman

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# Introduction

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Welcome to [The Big Reveal!](#) Also presented on YouTube [here](#).

Enjoyed hosting [ISE's](#) Content Production & Distribution Summit, the Smart Workplace Summit, and being a keynote at Avixa's Global Partners meeting speaking on the Future of AV. Also honoured to speak at [BOM's](#) Open Worlds sharing my insights on the Future of XR & Immersion.

Some NEWS!

My podcast, [XR Star](#), is now available wherever you listen to podcasts! You can also watch full episodes on YouTube [here](#). New episodes include Virtual Production with Sony, Fitness in VR, and Assisted Reality with Vuzix.

New [Blockchain in the Metaverse](#) episodes include my interview with CEO of one of TIME's Top 100 companies, the Future of NFTs, and the Future of Social Media.

Please be in touch if you'd like to collaborate on a project, or book me for your next event.

Thanks!

Amelia

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# 01 Mynd VR

In a major move of recognition for the validity of VR therapy, Age Well New York, an insurance organization serving the Medicare and Medicaid demographic, will cover MyndVR's therapy sessions for seniors. Offering occupational, physical and speech therapy, VR has been proven to help with feelings of isolation, anxiety and depression while simultaneously stimulating memory, conversation and socialising. It also offers virtual tours, adventures, and entertainment that can be shared with remote friends and family members in real time.

[Article.](#)



Image by MyndVR

# 02

# Versy.AI

As I've been saying, Generative AI will be the bridge that gets regular people into the metaverse, perhaps without even realising it! With the rise of ChatGPT and Stable Diffusion (and more to come), it was just a matter of time before we moved from text-to-2D to text-to-3D. Versy.ai's text-to-space allows people to create their dream spaces and experiences in 3D using their generative AI design tool. Join their waiting list in the link below to try it soon for yourself.

[Website.](#)



# 03

## WiFi Sees Thru Walls

Researchers have discovered a way to 'see through walls' using WiFi, including using a drone that anyone can make for \$20. A WiFi signal can be sent through any wall to detect moving objects to generate an accurate image of what's happening on the other side. Intended to be used as a way to monitor well-being, identify suspicious behaviors, and as a search and rescue tool, the privacy implications are also significant, especially as the method and materials are so easily accessible and available.

[Article.](#)



Image by Carnegie Mellon University

# 04 VP

Virtual Production (VP) is a way of making film and TV using computer-generated digital content displayed on LED walls. This allows for real-time visualisation and control of environments and special effects so they are captured 'in camera' during filming, taking the bulk of work that traditionally happens in post-production and putting it in pre-production. Proven to reduce costs, time, and environmental footprint, it is predicted to become the dominant method of filmmaking in the next 5-10 years. Listen to the latest episode of [XR STAR](#) to learn more.

[Video.](#)



# 05

## Hermès wins NFT Lawsuit

Hermès won a significant legal battle against an NFT artist when a jury decided his MetaBirkin bags constitute trademark infringement. The jury also found the artist liable for “cybersquatting” as Hermès claimed to be working on their own Birkin NFTs and disagreed that the NFT artist was legally protected under the right to free speech. Hermès was awarded \$133,000 in damages, which is less than a third of the cost of the highest selling Birkin bag. This is likely to set a precedent for future NFT and IP infringement cases.

[Article.](#)



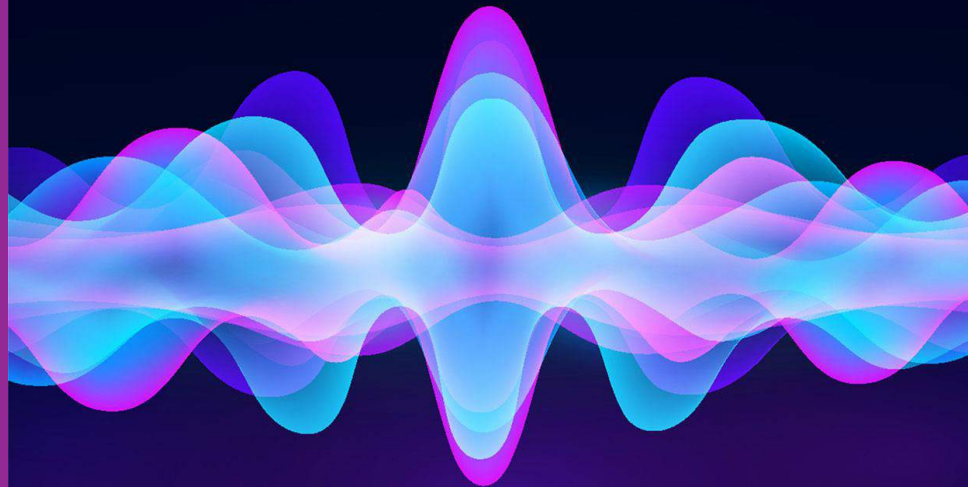
Image by Mason Rothschild

# 06

# OtterPilot

OtterPilot is a new AI meeting assistant that automatically sends an AI-generated summary of key points to meeting attendees or a specified group featuring hyperlinks to key moments. It can also capture shared images and slides, has a search feature, and takes notes in real time sharing a live transcript that can be commented on or highlighted. This will save some people from having to attend meetings, as well as retain meeting focus and save people time post meeting.

[Article.](#)



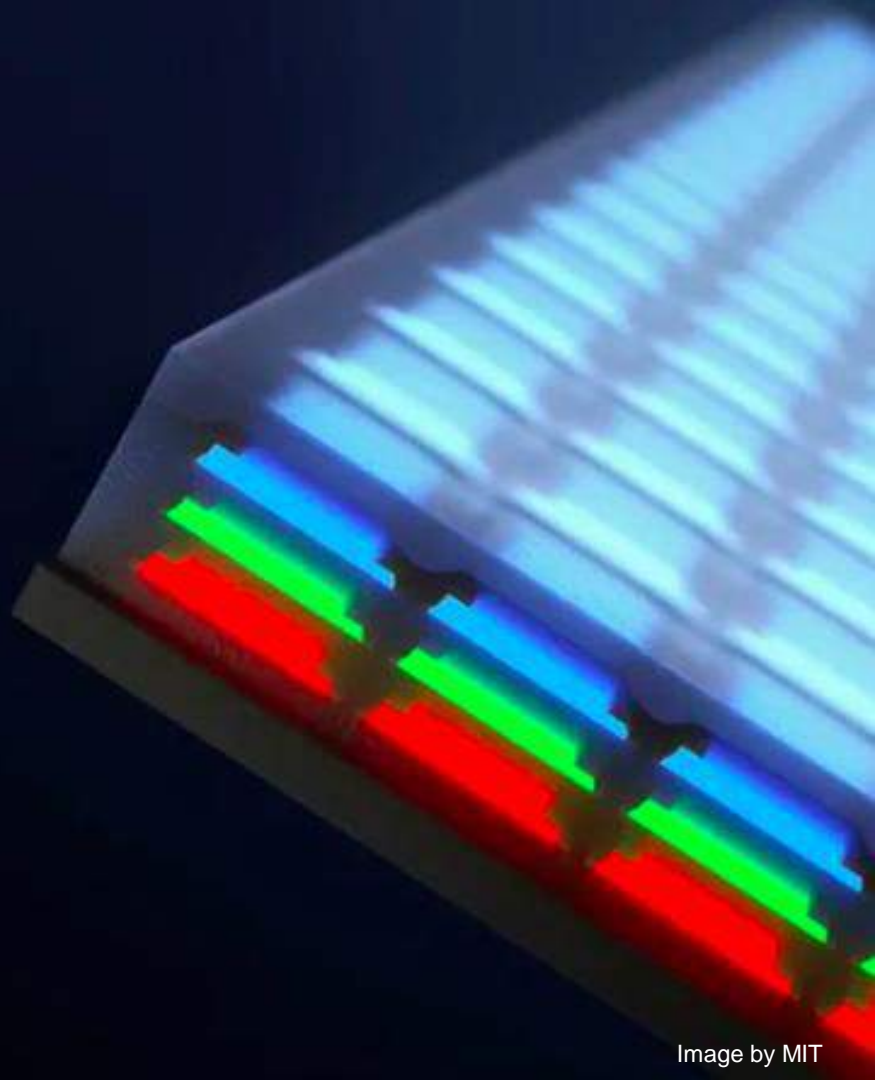


# 07

## VR Micro LEDs

Researchers at MIT have developed a new form of microscopic LEDs for XR headsets that will improve the sharpness and resolution of displays so much that the virtual will be indistinguishable from reality. Instead of placing red, green, and blue LEDs side by side, they have invented a way to stack them to create vertical, multicolored pixels, producing a density of 5,000 pixels per inch.

[Article.](#)



# 08

# Third Thumb

Neuroscientist and prosthetics designer, Dani Clode, has become known for the “Third Thumb,” a 3D-printed prosthetic that she developed to extend bodily abilities and movement. Positioned on the side of the hand below the pinky, it is controlled via pressure sensors worn on the feet. It’s been found that people become comfortable with the controls and movement in just minutes, using it to eat, unscrew caps, stack items, multitask and more, helping to inform research on the brain’s ability to adapt.

[Article.](#)



Image by Dani Clode

# 09

# Drive to the Moon

Rolls Royce are developing a nuclear engine to power trips to the moon and Mars. Their microreactor will use uranium to fuel nuclear fission, a differentiator for Rolls Royce in the aerospace industry where chemical-based mechanisms have traditionally been favoured. While chemical rockets have to carry tons and tons of fuel, a nuclear reactor uses only a few grams of uranium. The reactor is currently in the “concept, design, development, and testing phase.”

Article.



Image by Rolls-Royce

# 10 SolidLight

Light Field Lab have just closed \$50 million in series B funding to scale their SolidLight holographic systems. Enabling digital objects to form in mid-air to be viewed without headsets, SolidLight is the highest resolution holographic display platform ever designed. It relies on a 28-inch modular display that contains 2.5 billion pixels (for reference, 4K computer monitors regularly have 8.2 million pixels). The display projects waves of photons that scatter at a specific point, making it appear as though 3D objects and characters are hovering in the air and can be seen from a 100° viewing angle. Getting closer to those 3D holographic calls we've all been waiting for!

[Website.](#)



# Thank you

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