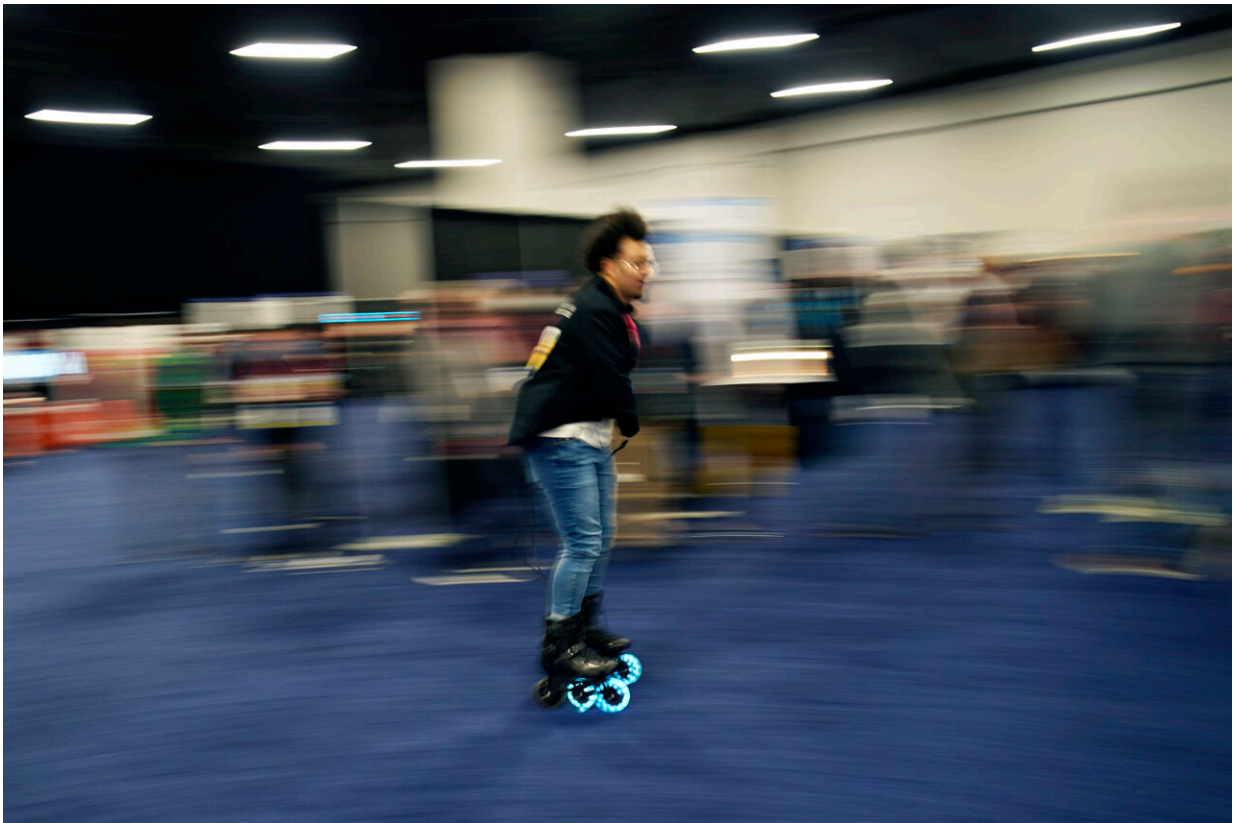


# CES 2023: 10 tech innovations that caught our eye

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Mohamed Soliman of Atmos Gear shows off the Atmos Gear inline electric skates during CES Unveiled before the start of the CES tech show, Tuesday, Jan. 3, 2023, in Las Vegas. Credit: AP Photo/John Locher

From [electric cars](#) and boats to wireless TVs to the latest phones and

tablets, there was a wide range of innovations on display at the CES tech show in Las Vegas last week. Some of it aimed to solve big [real world problems](#). Some of it aimed to [make your life more fun](#). And some of it was just a [little out there](#).

Associated Press journalists spent last week combing cavernous exhibit halls for the most exciting, interesting and unusual tech innovations.

Here's what caught our eye:

## MOST FUN WAY TO GET TO WORK

Journalists had fun zipping around the CES Unveiled event on remote-controlled, electric inline skates from French startup AtmosGear.

The battery lasts for 20 miles (32 kilometers), said founder Mohamed Soliman, who hopes people will see them as a viable way to commute, like electric bikes or scooters.

"My goal is for everyone to go skating again because it's so much fun, every time you see people skating you see them with a big smile," Soliman said.

A waist bag holds the battery and cables connected to the skates. They also can be used as regular skates when they need to be charged or skaters simply want to travel under their own power.

The \$500 skates are available for pre-order. The company has taken orders for 150 pairs so far and is aiming for 200 orders to start production.

## TECH TO BRING TO A PARTY

A handheld device displayed by South Korean company Priniker allows you to quickly and easily apply temporary tattoos.



A man looks onto the show floor from a Wehead spatial video communication device at the Wehead booth during the CES tech show Friday, Jan. 6, 2023, in Las Vegas. The device, controlled via a smartphone, laptop, or tablet, allows the user to remotely look around through the device's camera and observe the environment and interact with people in the room. Credit: AP Photo/John Locher

The device uses cosmetic-grade ink with a library of thousands of designs or the option to make your own with the company's app. After picking a tattoo, you just wave the device over wherever you want it applied. The tattoos are waterproof but wash off with soap.

The flagship model is \$279 and a smaller model is \$229. Ink cartridges good for 1,000 tattoos are \$119.

There's also an accessory to temporarily color your hair.

## KITCHEN TECH WE'RE COVETING

GE Profile unveiled a smart mixer that lets you weigh your ingredients in the bowl while you're working.

The mixer also has an auto sensor that can monitor changes in texture and viscosity and adjust speed accordingly. It shuts itself off automatically to avoid overmixing.

And it has voice control so you don't have to stop what you're doing and wash your hands off to operate it.



Ducky demonstrates FluentPet dog communication buttons during the Pepcom Digital Experience before the start of the CES tech show, Wednesday, Jan. 4, 2023, in Las Vegas. Credit: AP Photo/John Locher

All that precision doesn't come cheap—the mixer costs \$999.95 and is only available at Crate & Barrel.

## TECH TO BUY YOUR PARENTS

Bird Buddy showed off a smart bird feeder that takes snapshots of feathered friends as they fly in to eat some treats. The startup says its AI technology can recognize more than 1,000 species of birds, allowing users to share through a mobile app what kind of birds they're feeding.



"We try to kind of gamify the collection so it's a really fun game that you can play—almost like a real life [Pokémon Go](#) with real animals and wildlife in your backyard," said Kyle Buzzard, the company's co-founder and chief hardware officer.

The product has already sparked some interest from consumers who want to show the world what birds are coming into their backyards.

The company, which began as a Kickstarter project in 2020, says it started shipping its bird feeders in September and has already sold all 100,000 in its inventory. The price for the basic feeder is \$199.

## TECH TO BUY YOUR KIDS



The Fufuly robotic cushion is on display during the CES tech show Thursday, Jan. 5, 2023, in Las Vegas. Credit: AP Photo/John Locher

Meet Dog-E, the excitable robodog.

Unveiled by toy maker WowWee, Dog-E has more than a million possible combinations of lights, sounds and personality traits.

Dog-E begins as a blank canvas and develops its personality as you set it up.

The app-connected toy has audio sensors to hear sounds, touch sensors on its sides and body, and a tail that you can program to display lighted icons and messages when it wags.

Jessica Kalichman from WowWee says it's a good option for those who can't commit to owning a real pup, or perhaps for those with allergies.

"I do think for anyone that's either not ready to have a dog yet, this is a great test to take care of it, learn to feed it, nurture it, and really have that trial run for a family," she said.

WowWee expects to have Dog-E in stores in September. It will sell for \$79. The app to control the toy's movements does not require a subscription.



The GE Profile Smart Mixer with Auto Sense smart mixer is on display during CES Unveiled, before the start of the CES tech show, Tuesday, Jan. 3, 2023, in Las Vegas. Credit: AP Photo/John Locher

## TECH FOR GOOD

Knowing exactly when an avocado is perfectly ripe may sound a bit niche, but Dutch startup OneThird thinks it's a key to helping reduce food waste.

The company unveiled an avocado scanner designed for supermarkets that's currently being tested in Canada and can tell you whether an avocado is still firm or ready to eat.



OneThird already works with growers, distributors and others along the supply chain to predict the shelf life of avocados, tomatoes, strawberries and blueberries and is working to add more produce.

According to the United Nations, nearly a third of food of all food globally is thrown away. Reducing that would mean less food waste being tossed into methane-producing landfills.

## TECH FOR PETS

Have you ever wondered what your dog would say if it could speak to you?

FluentPet promises the next best thing—buttons the company says you can train your pet to push if it's hungry, needs to go outside or wants to play.



An exhibitor holds up the Bird Buddy smart camera bird feeder during CES Unveiled before the start of the CES tech show, Tuesday, Jan. 3, 2023, in Las Vegas. The AI-powered camera bird feeder notifies you when a bird is feeding, takes pictures and organizes the photos. Credit: AP Photo/John Locher

The buttons come in a hexagon-shaped plastic mat called a hextile. Hextiles can be connected to each other to form a bigger collection of buttons.

"We find that actually when dogs kind of know that they're being understood because they have the precision and specificity of the buttons, then they complain less because they're no longer wondering whether they actually communicated what they wanted to," said Leo Trottier, FluentPet CEO.

At CES, the company announced FluentPet Connect, a new app that notifies owners when their dog presses a button and collects data on how the buttons are used.

Fluent Pet's starter kit comes with hextiles, a speaker and six buttons for \$159.95. The app does not require a subscription.

## TECH TO MAKE YOUR NEXT CONFERENCE CALL MORE EXCITING

Tired of the same old videoconference calls? Zero Distance thinks it may have the answer.

The company's Wehead device helps people at a meeting feel like a remote attendee is in the room with them.



An exhibitor applies a temporary tattoo with a Prinker digital temporary tattoo device during CES Unveiled before the start of the CES tech show, Tuesday, Jan. 3, 2023, in Las Vegas. The device allows the user to print a temporary tattoo in cosmetic ink. Credit: AP Photo/John Locher

The device looks something like a machine you might find at the eye doctor, but with screens on the front. The person participating from afar looks like they're there in 3D and when they look around or nod, the machine also moves.

Wehead works with standard computer or smartphone webcams.

"If there are a few people around the table and just one screen, not everybody can see the screen, and the person in the laptop, he or she is not able to see everybody," Wehead creator Ilia Sedoshkin said. "That's the obvious application."

"But for people who spend like 40 hours a week in their home office, they don't see other people a lot. So feeling the real person in the room, using some space on your table, can give you less loneliness," Sedoshkin said.

The Wehead costs \$1,555, with a pro version available for \$4,555.

## INNOVATION WE MOST WANTED TO TAKE HOME

Japan's Yukai Engineering says its robotic fluffy pillow can help users relax by mimicking the rhythm of breathing.





Singer Paula Abdul poses with Idol Eyes audio glasses during the Pepcom Digital Experience before the start of the CES tech show, Wednesday, Jan. 4, 2023, in Las Vegas. Credit: AP Photo/John Locher

The soft, fluffy pillow gently expands and contracts, vibrating as you hold it against your stomach. The idea is that you'll breathe more slowly and deeply as your breath starts to synch with the movement of the pillow.

It was developed based on research done at the University of Tokyo.

Yukai CEO Shunsuke Aoki said the pillow can help remote workers who struggle to switch off from their jobs.



The version on display at CES is a prototype. The company is looking for partners and hopes to start producing it this year.



An exhibitor demonstrates the OneThird avocado ripeness checker during CES Unveiled before the start of the CES tech show, Tuesday, Jan. 3, 2023, in Las Vegas. The device is designed for use by grocery store shoppers to scan an avocado and get information about when it is ready to eat. Credit: AP Photo/John Locher

## BEST CELEBRITY APPEARANCE

Singer and dancer Paula Abdul came to CES to launch Idol Eyes, a line of audio sunglasses.

"I've wanted to get into the tech world for the longest time," Abdul told The Associated Press, "but I wanted to do it in a way that was authentic to who I am."

Starting at \$199, the sunglasses feature a five-hour battery life and play audio from the arms of the frames via Bluetooth connectivity. You can listen to music or answer calls.



An exhibitor holds up a Dog-E smart, app-connected robot dog during the Pepcom Digital Experience before the start of the CES tech show, Wednesday, Jan. 4, 2023, in Las Vegas. Credit: AP Photo/John Locher

The Grammy- and Emmy-award winning artist's first collection of

eyewear is available in seven colors, with polarized and blue light filter lenses.

"I'm just marrying fashion, movement and technology," Abdul said.  
"That's where my heart is."

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