

Chapter 38 of the Society of Broadcast Engineers

SBE

EL PASO - LAS CRUCES - JUÁREZ

JANUARY
2023

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NEWS

Expect at CES 2023

Technology's biggest trade show must go on, in spite of rough economic headwinds. These are the trends and innovations to keep an eye out for.

AFTER GOING REMOTE at the start of the Covid-19 pandemic, CES returned to Las Vegas in 2022 for a hybrid experience. Many companies opted to continue virtually attending the annual consumer trade show. Even though CES 2023 is not expected to recapture the *entire* grandeur of years past, the Consumer Technology Association (CTA) that hosts the event anticipates around 100,000 attendees. CES 2023 runs from January 5 to 8, and it still offers an option for remote attendance. In spite of an economy that's worrisome for most CEOs and last year's major flops (remember NFTs?), innovative hardware announcements will continue to make a splash on the showroom floor. From cohesive envelopments in the smart home category to peculiar designs for electric vehicles, here's what you can expect at CES 2023.

Interoperability That Matters

What if every aspect of your smart home actually worked together, even if the products were made by different companies? Matter, a new protocol from the Connectivity Standards Alliance, enables seamless interoperability between smart home devices from Apple, Amazon, Google, Samsung, and other manufacturers. Previous fragmentation held back the overall smart home experience, especially for consumers who wanted to mix and match gadgets. "The great promise of

the smart home, literally since its inception, is that all the connected gadgets would work seamlessly together," WIRED senior editor Michael Calore tells me. "That hasn't been the case at all, so Matter feels like the next big step toward that promised interoperability."

Launched last year in November, almost 300 products are already Matter-certified, with more announcements expected at CES 2023. "Matter makes smart home devices easier to buy for consumers as they can now choose the products that best fit their needs, regardless of what ecosystem, smartphone, app, or voice assistant they have," writes Tobin Richardson, president and CEO of the Connectivity Standards Alliance, over email. Lights, locks, and thermostats are a few of the categories currently supported. The company is working to extend compatibility for additional smart home devices like cameras, appliances, and smoke detectors.

Its unique approach to smart home security uses blockchain technology. Richardson writes, "Matter also raises the bar for security, using blockchain to validate and store credentials on the home network, encrypting messages (commands) between devices, enabling local control (no cloud), and including a pathway to easy security updates." Safety experts point out cloud control as a major weakness when it comes to securing the data collected by your smart home.

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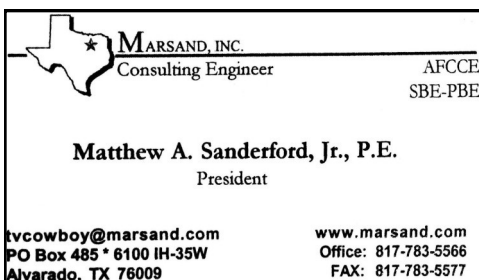
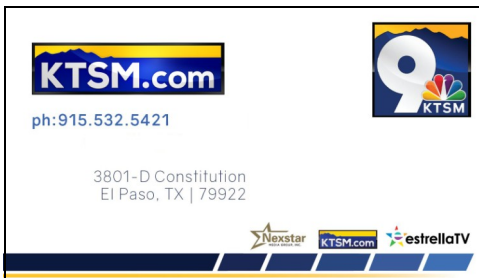
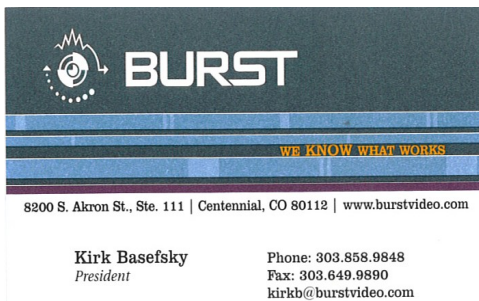
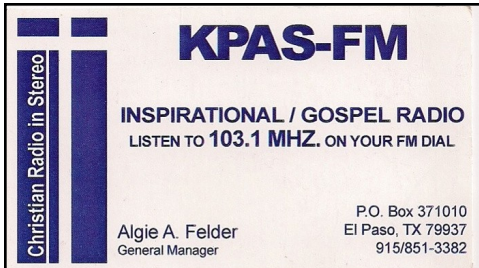
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The Metaverse Sobers Up

At last year's CES, plans for a utopian metaverse where consumers would live, work, and play like never before were a primary focus. While not completely scrapped, the unquestioned excitement for the concept has dissipated due to billions of dollars lost, slow consumer adoption, and turbulent macroeconomic factors.

Although the tenor of discussions is subdued, you can expect hardware innovations to continue for virtual, augmented, and mixed reality devices. WIRED reviews editor Julian Chokkattu anticipates a potential breakthrough moment for smart glasses as they become less cumbersome: "That's been one of the biggest barriers to the category, and I think we can expect some companies to showcase some strides in making components smaller and lighter, so that AR glasses don't have to be thick, ugly, and heavy."

Mighty Morphin' Electric Vehicles

During CES 2023, you can bank on seeing plenty of electric vehicles that don't match the aesthetics of a typical car. "Since EVs don't have gas tanks or traditional drivetrains, and since their battery packs can be shaped flat, the interior flooring doesn't have all the bumps or humps that we've been dealing with for decades," writes Calore. "That frees up the designers to think about the interior in new ways, from seating configurations to entertainment systems." Although the more outlandish ideas will not be available anytime soon at your local dealer, the concept cars provide a small peek into what might be on the road five or 10 years in the future.

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EL PASO, TX SBE CHAPTER 38 MEETING MINUTE

DATE 12/13/2022 LOCATION: COMO'S Italian restaurant

MEETING CALLED TO ORDER: 12:09 PM , BY ANTONIO CASTRO. WE WERE 16(SIXTEEN) ATTENDANTS

REPORT OF THE SECRETARY: MINUTES IN THE DECEMBER NEWS-LETTER. ACCEPTED BY NORBERT MILES, SECONDED BY DAVID GRICE.

REPORT OF THE TREASURER: \$ 4,621.38 IN THE BANK. ACCEPTED BY WARREN REEVES, SECONDED BY BRUNO CRUZ.

REPORT OF THE CERTIFICATION COMMITTEE: DAVID HALPERIN IN RETIREMENT, BUT WILL CONTINUE IN THE COMMITTEE AND AS A PROCTOR..

REPORT OF THE MEMBERSHIP COMMITTEE: TO SEND APPLICATION TO DAVID GRICE . HE OFFERED TO HAVE HIS ALAMOGORDO RADIO STATIONS GROUP AS SUSTAINING MEMBER. FEES WILL REMAIN THE SAME FOR 2023 .

REPORT OF THE FREQUENCY COORDINATOR COMMITTEE: NO REPORT.

REPORT OF THE SCHOLARSHIP COMMITTEE NO REPORT.

REPORT OF THE WEBSITE COMMITTEE: NOW 4035 VS. 3979 EQUAL 56 HITS. UPDATED KINT98 LOGO IN THE NEWSLETTER

REPORT OF THE EAS CHAIRMAN: TEXAS MONTHLY TEST WAS FINE, WAITING FOR NEW MEXICO TEST. DAVID HALPERIN NO LONGER AS A CHAIRMAN BECAUSE OF RETIREMENT., MICHAEL RIVERA, NEW CHIEF, WILL TAKE OVER A SOON HE GETS HIS SBE NATIONAL MEMBERSHIP

REPORT OF THE PROGRAM COMMITTEE: CHRISTMAS PARTY AT THE OLIVE GARDEN PROVIDED BY DAN GIESLER, FROM GBS. THANK YOU

NEW BUSINESS OR ANY ITEMS FOR THE CHAPTER INTEREST KFOX REPLACED OLD ANTENNA WITH A COMBINED ONE CH-15 AND CH-17.

OTHER. BRUNO WILL CONDUCT A MEETING WITH TEXAS DOT FIBER DISTRIBUTION.

NEXT MEETING DATE AND LOCATION: JANUARY THE 10. PLACE AND TIME TO BE DETERMINED..

HAPPY NEW 2023
THAT ALL YOUR GOOD
WISHES MAY COME TRUE

JANUARY PROGRAM

FOR LAST MONTH OF DECEMBER, WE HAD OUR REGULAR CHAPTER MEETING HELD IN THE "COMO'S" ITALIAN RESTAURANT, WHERE WE HAD GREAT LUNCH AND A SURPRISE RETIREMENT PARTY TO OUR FRIEND DAVID HALPERIN. EVERYBODY BROUGHT A PRESENT FOR HIM. HE WILL CONTINUE AS A REGULAR MEMBER AND HELP US WITH THE CERTIFICATION COMMITTEE AND AS A PROCTOR. HE NO LONGER WILL BE THE "EAS" CHAIRMAN FOR OBVIOUS REASONS.

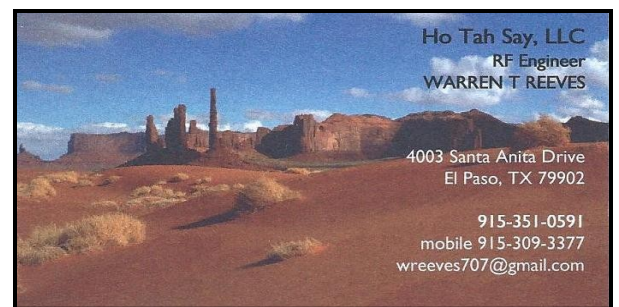
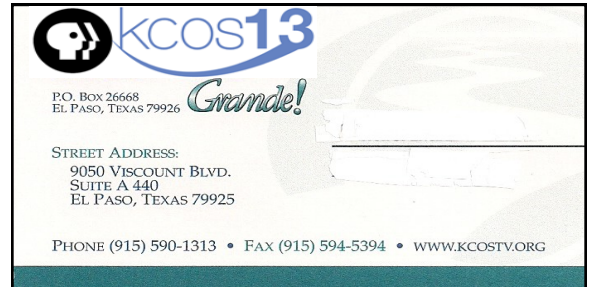
MICHAEL RIVERA, NEW CHIEF ENGINEER FOR KLAQ, LP1, WILL TAKE THIS POSITION ONCE HE GET THE SBE NATIONAL MEMBERSHIP.

NOW, FOR THIS JANUARY 2023 MONTH, WE ARE GOING TO MEET AT THE LUBY'S CAFETERIA UTEP

WHEN: TUESDAY JANUARY THE 10 TH.

WHERE: LUBYS UTEP

TIME: 12:00 PM



A Saturation of Sustainability

Whether it's smartphone cases created from recycled materials or TV remotes that don't need batteries, companies will continue to rethink their manufacturing process to placate a growing consumer demand for sustainable goods. "I'm seeing more and more companies highlight how a product is made and whether it uses recycled or sustainable materials, which seems to be the trajectory where everyone is heading," writes Chokkattu.

Sustainability trends may even impact your at-home spa nights! Decadent bubble baths are out. Decadent (albeit short) showers are in. "My one weird observation is that when the pandemic started, everyone was really talking about baths, like Kohler's ultra-luxurious Stillness Bath. Now, people are more concerned about sustainability and water usage, which means that I'm seeing a lot of ultra-luxurious, uh, showers," shares WIRED senior associate reviews editor Adrienne So. "I'm going to go ahead and say that luxury showering is going to be a trend in 2023. Installing a low-flow showerhead that heats the air around it is good. Just don't stay in the shower for 40 minutes."

Gadgetry Galore

Of course, CES this year will include a flurry of new product announcements, from a wireless TV that uses vacuum suction to stick on the wall to gaming laptops that are just a wee bit bigger. Chokkattu anticipates further developments for smartphone cameras, with improved data collection for applications like skin condition detection.

So still expects companies to launch health tracking devices specifically made for "fertile, pregnant, or immediately postpartum people," despite the overturning of *Roe v. Wade*. She also foresees an impending proliferation of satellite messengers that are affordable and easy to use for anyone who wants to stay safe when they're off the grid.

Michael Calore, Julian Chokkattu, and Adrienne So contributed to this report.