

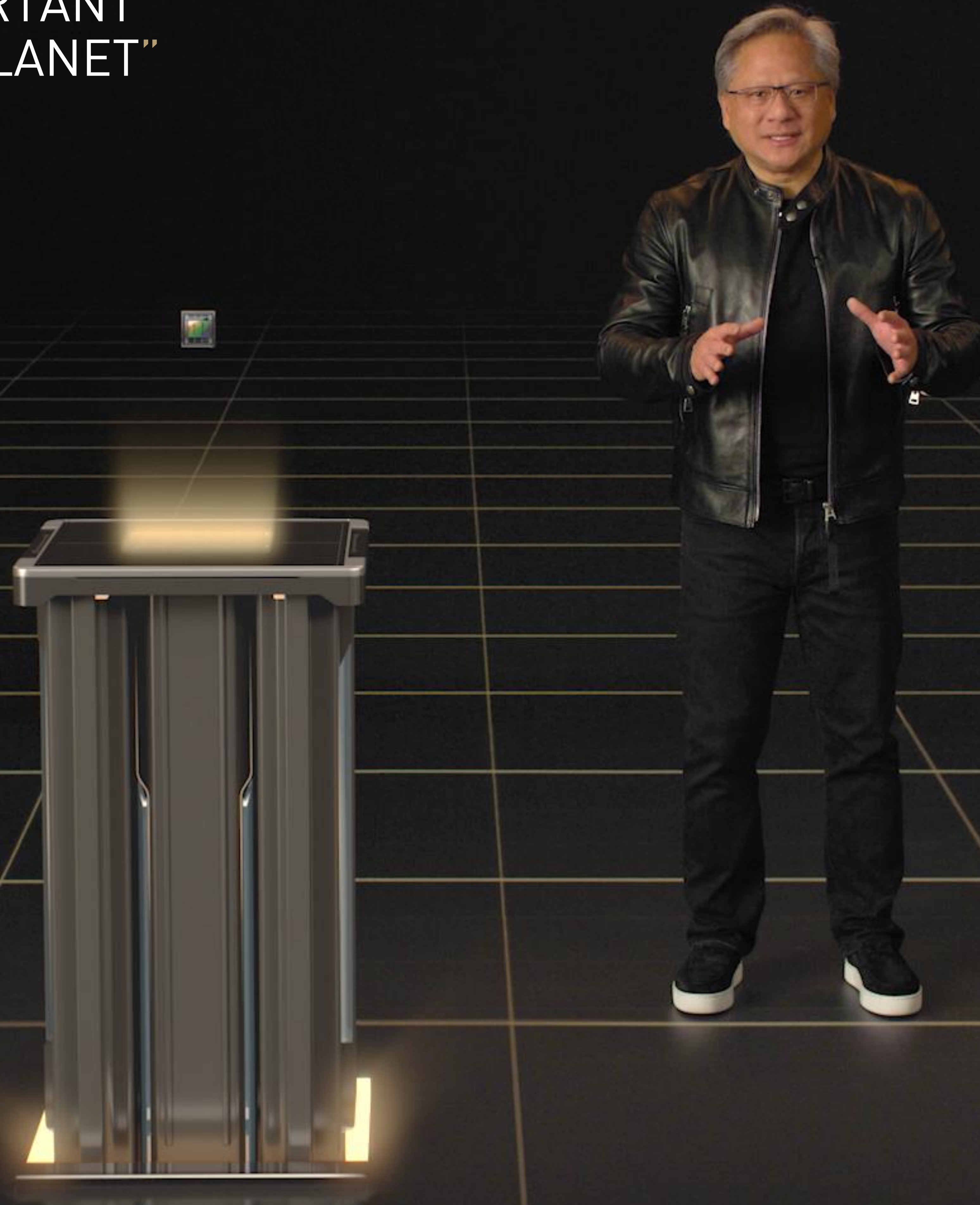


# NVIDIA GTC 2022 HIGHLIGHTS



“NVIDIA IS THE MOST IMPORTANT  
TECH COMPANY ON THE PLANET”

YAHOO FINANCE





“NVIDIA GTC BLOWS YOUR MIND, EVERY TIME”

YAHOO FINANCE

215,000

REGISTRATIONS

30,000,000

KEYNOTE VIEWS

5,200

PRESS ARTICLES

900

TALKS

1,600

SPEAKERS

75

PARTNER SPONSORSHIPS



“GTC 2022: GPU TOPICS GO BEYOND TECH PROWESS AND APPLICATIONS”

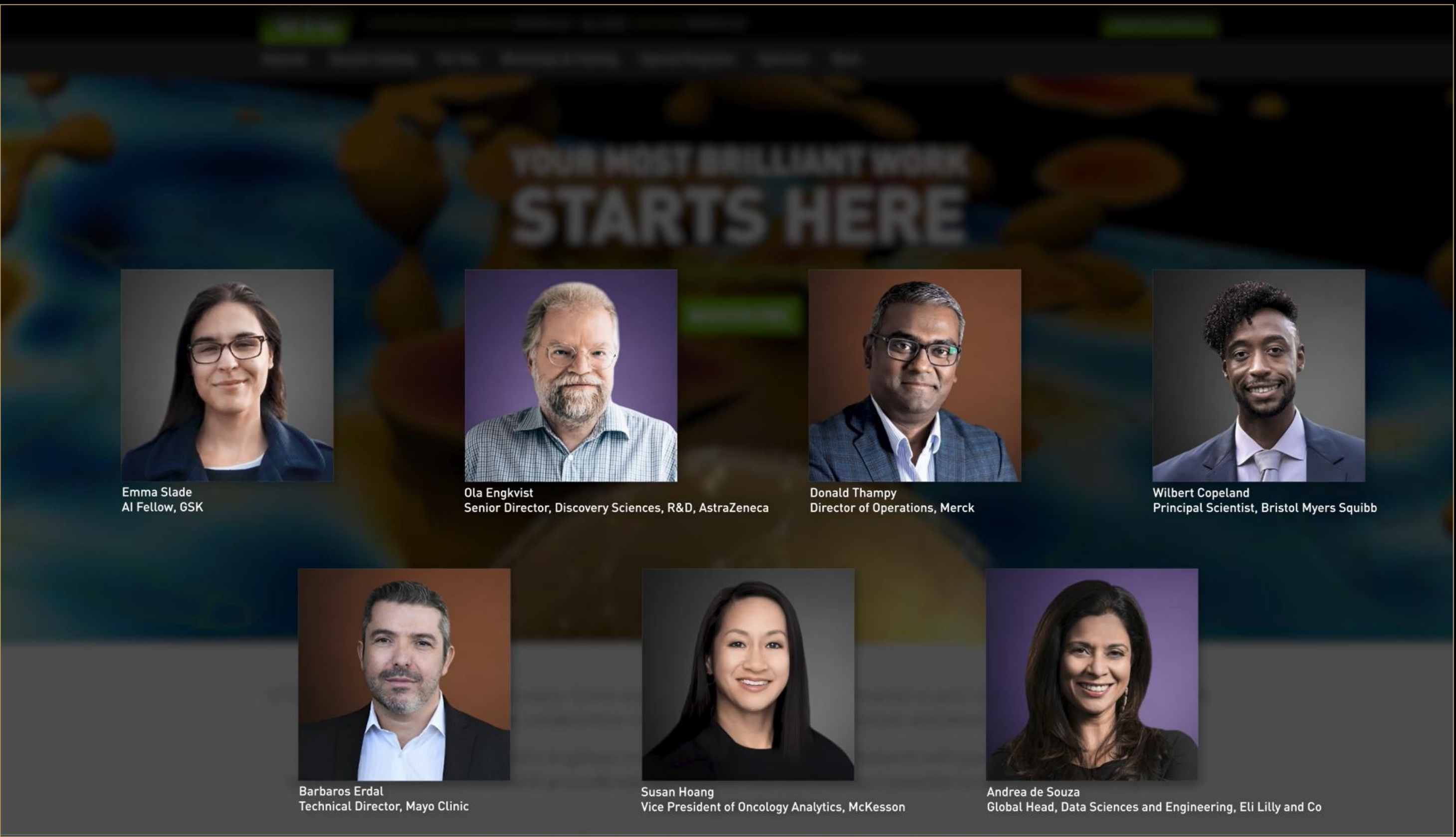
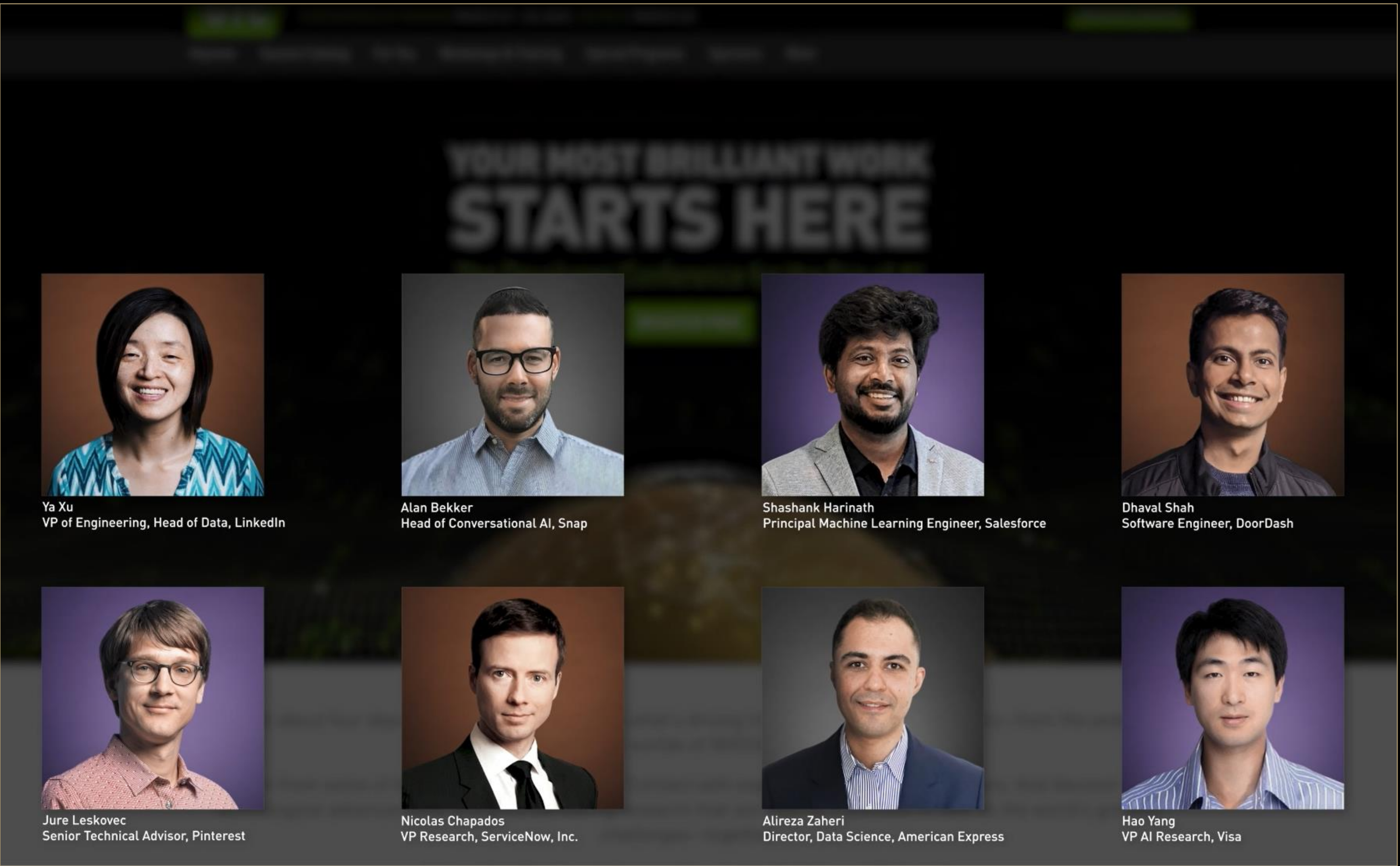
VENTUREBEAT

“The leading computer scientists, AI researchers, roboticists, and autonomous vehicle designers present their work at GTC.

“This year, we saw Best Buy, Home Depot, Walmart, Kroger, and Lowe’s working with AI. LinkedIn, Snap, Salesforce, DoorDash, Pinterest, ServiceNow, American Express, and Visa talked about using AI at scale. And we saw talks from healthcare companies GSK, AstraZeneca, Merck, Bristol Myers Squibb, Mayo Clinic, McKesson, and Eli Lilly.

“Today, NVIDIA accelerates millions of developers and tens of thousands of companies and startups.”

Jensen





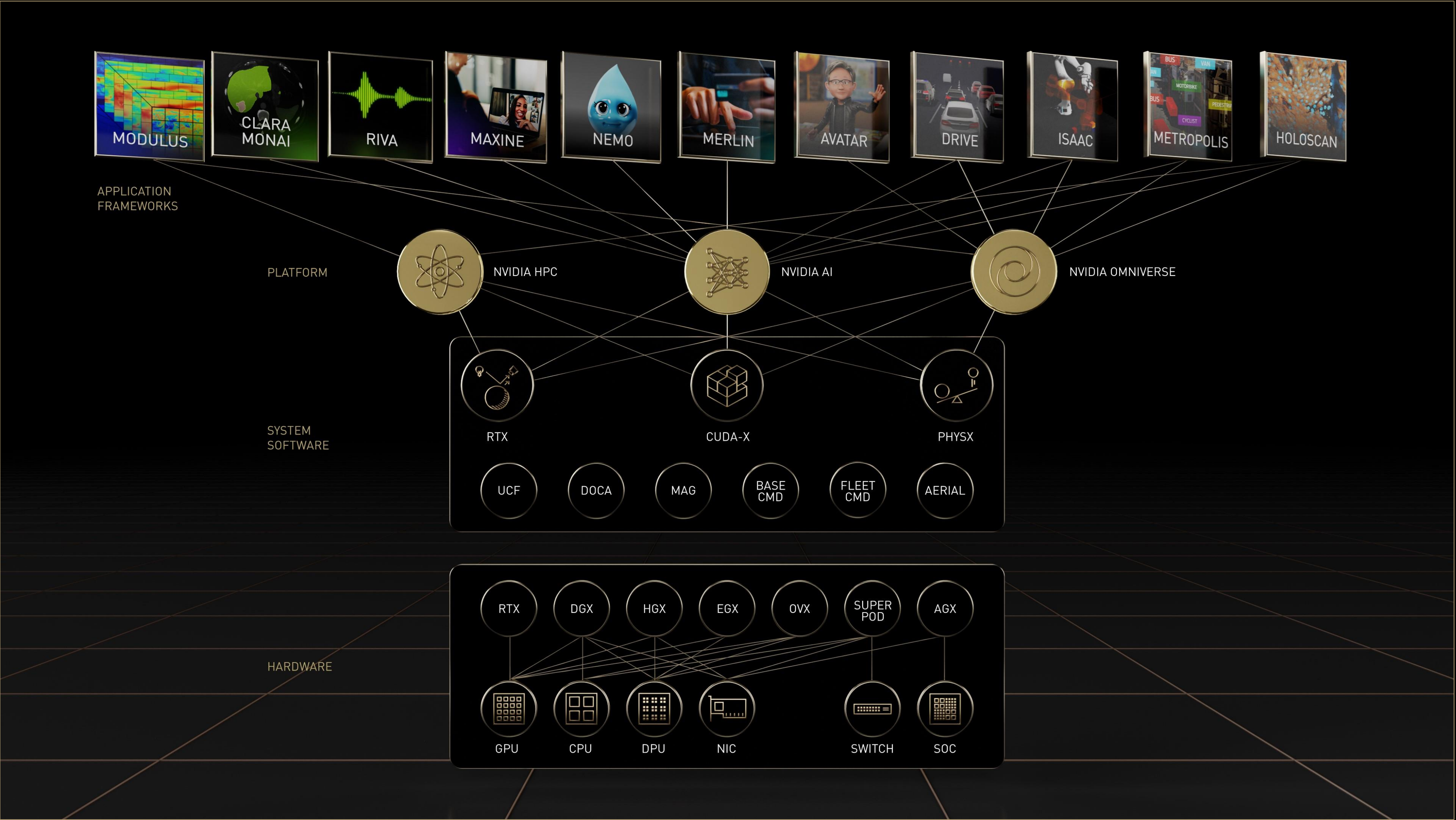
“NVIDIA IS NOT JUST A  
SEMICONDUCTOR COMPANY ANY  
LONGER. NVIDIA IS A PLATFORM”  
THE MOTLEY FOOL

“NVIDIA is pioneering accelerated computing, an approach  
that demands full-stack expertise.

“We built NVIDIA like a computing stack or neural  
network – in four layers – hardware, system software,  
platform software, and applications.

“Each layer is open to computer makers, service providers,  
and developers to integrate into their offerings however  
best for them.”

Jensen





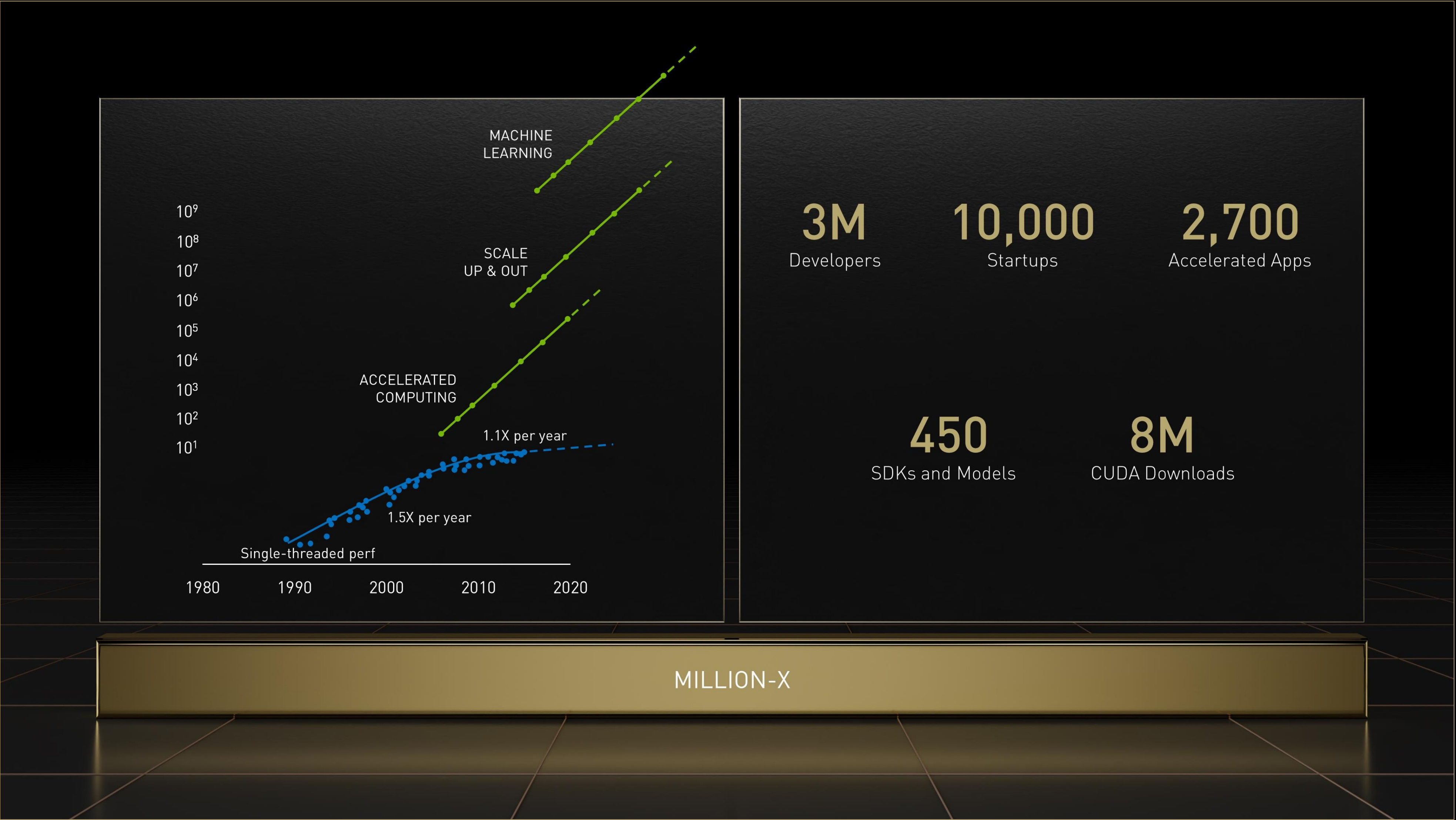
“NVIDIA FLEXES ITS GPU  
AND PLATFORM MUSCLES”

VENTUREBEAT

“Over the past decade, NVIDIA accelerated computing delivered a million-X speedup in AI and started the modern AI revolution. Now, AI will revolutionize all industries.

“NVIDIA SDKs, are at the heart of accelerated computing. With each new SDK, new science, new applications, and new industries can tap into the power of NVIDIA computing.”

Jensen





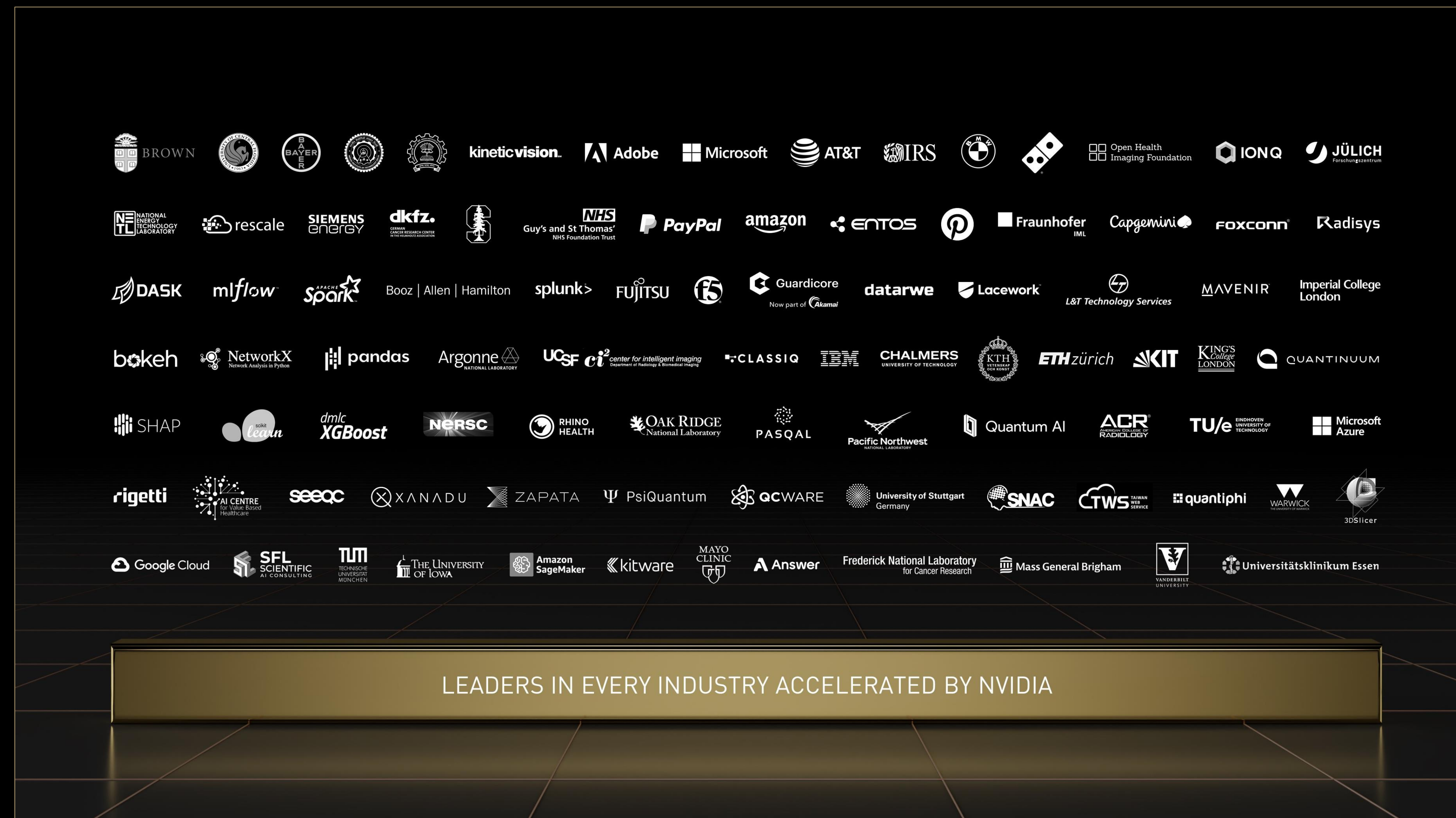
“NVIDIA SOFTWARE HOLDS THE KEYS TO THE KINGDOM OF AI”  
FORBES

“Millions of developers and tens of thousands of companies use NVIDIA SDKs to accelerate their workloads.

We updated 60 SDKs with more features and acceleration at this GTC. The same NVIDIA systems you own just got faster for data processing, AI, or science.

“And scientists doing operations research, quantum algorithm research, 6G research, or graph analytics can tap into NVIDIA acceleration for the first time.”

Jensen





# “NVIDIA UNLEASHES WORLD’S MOST POWERFUL AI HARDWARE YET”

DIGITAL TRENDS

“We announced new GPU, CPU, and networking chips and systems. AI applications like speech, conversation, customer service, recommenders, computer vision, robotics, and self-driving cars are driving fundamental changes in data center design.

“AI companies process mountains of data to train and refine AI models – their data centers are essentially AI factories; a whole new type of data center has emerged because of AI.”

Jensen





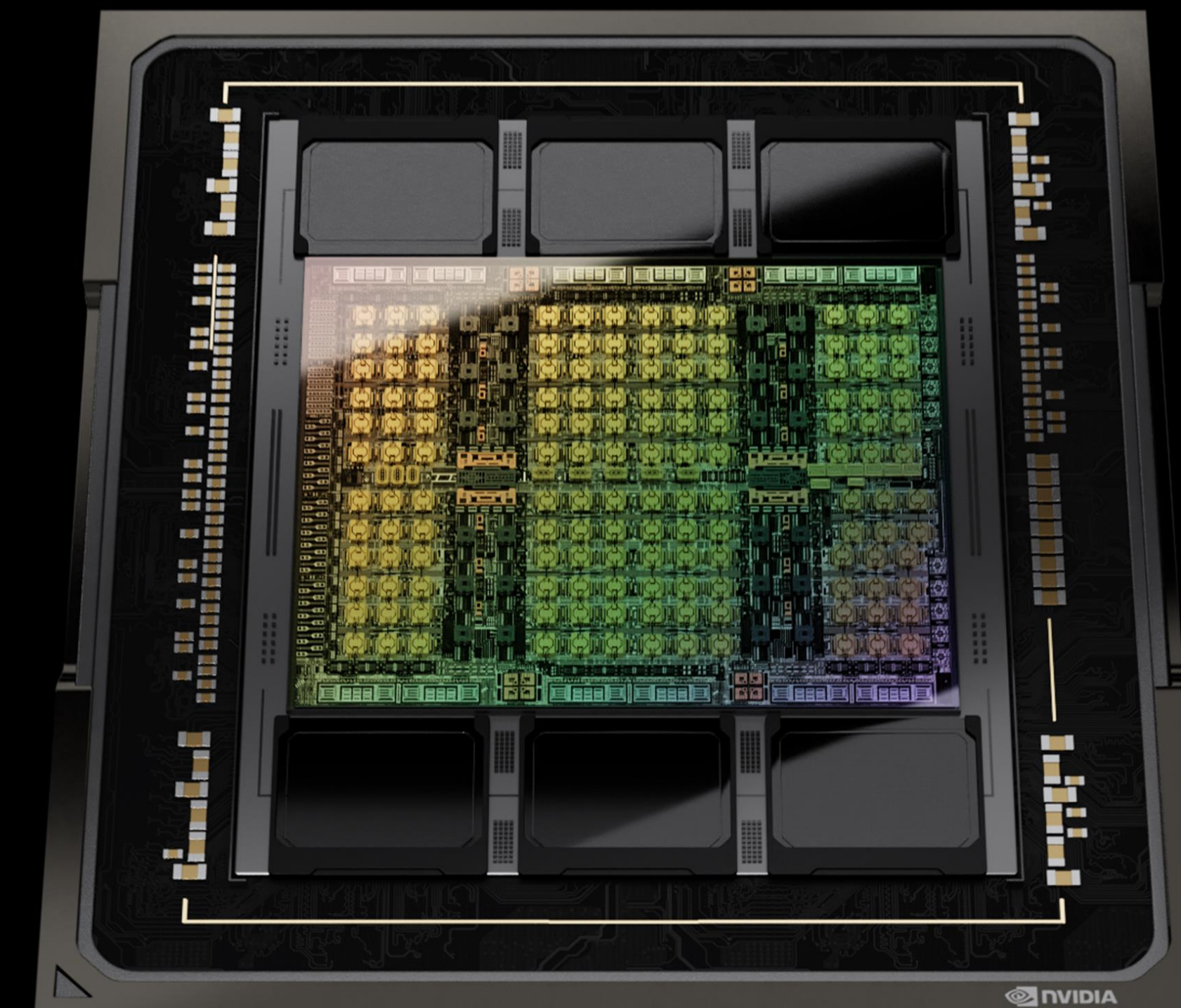
# “HOPPER H100 GPUS ARE THE HEART OF A MORE EXPANSIVE NVIDIA SYSTEM”

THE NEXT PLATFORM

“We announced the Hopper architecture H100, the new engine of the world’s AI infrastructure. The performance of H100 is a giant leap over Ampere – an order of magnitude.

“H100 has a new Tensor Core with four petaflops of AI processing, transformer engine, multi-instance GPU with complete isolation, confidential computing, DPX dynamic programming instructions, and fourth-generation NVLink with SHARP in-networking computing.”

Jensen





# “NVIDIA PACKAGES THE H100 INTO ITS DGX COMPUTING MODULES”

CNET

“Introducing the DGX H100 – our new AI computing system. DGX has been spectacularly successful and is the AI infrastructure for eight of the top 10 and 44 of the Fortune 100.

“Hopper H100 powers systems at every scale – from the PCIe accelerator for mainstream servers to DGX, DGX POD, and DGX SuperPOD.”

Jensen





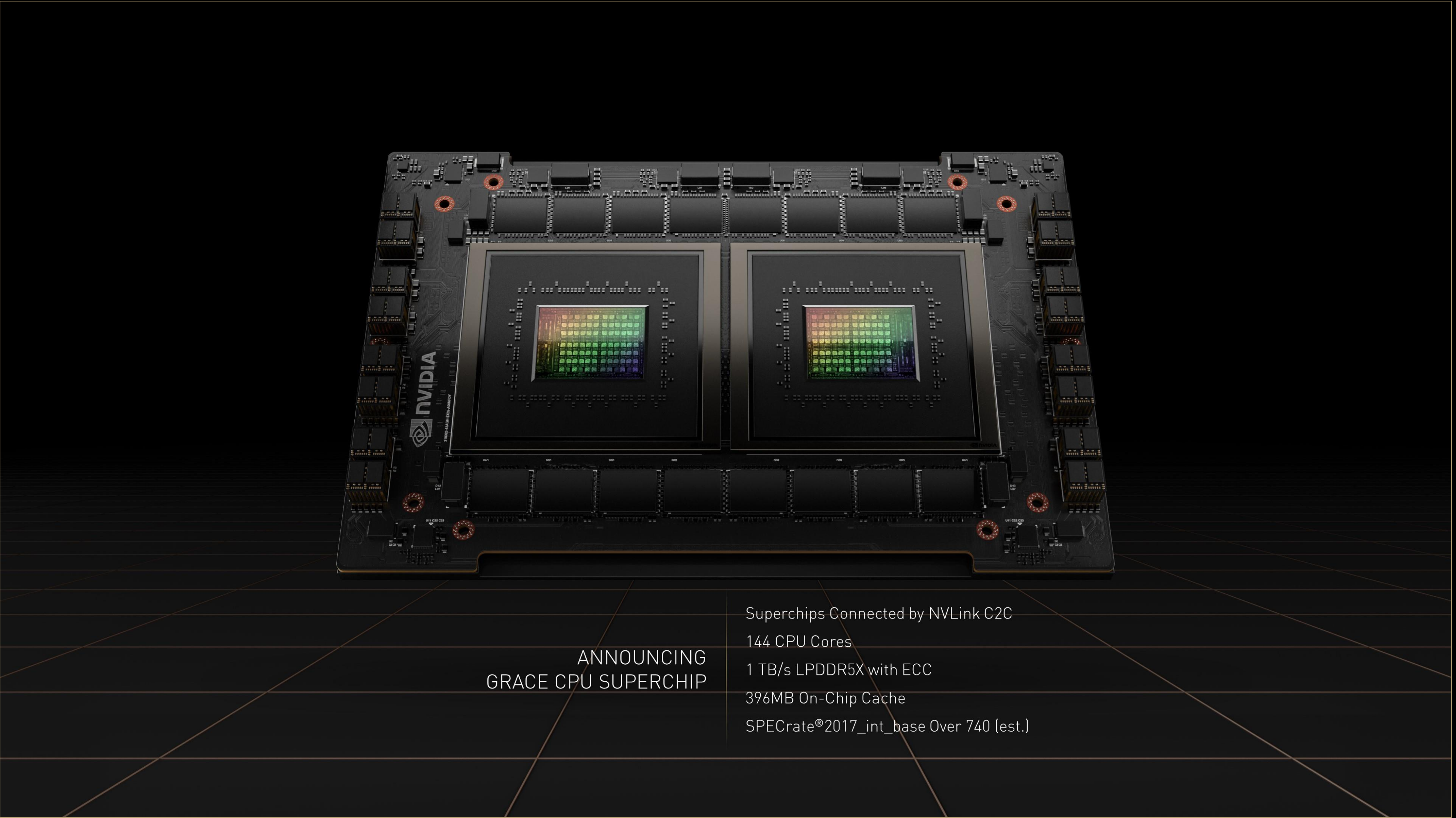
# “NVIDIA UNVEILS 144-CORE GRACE CPU SUPERCHIP TO SHRED HPC WORKLOADS”

HOT HARDWARE

“We designed Grace to process giant amounts of data. Grace will be the ideal CPU for AI factories.

“Grace Superchip has 144 CPU cores. And 1 terabytes per second of memory bandwidth – over 2-3x the top Gen 5 CPUs that have yet to even ship.”

Jensen



ANNOUNCING  
GRACE CPU SUPERCHIP

Superchips Connected by NVLink C2C  
144 CPU Cores  
1 TB/s LPDDR5X with ECC  
396MB On-Chip Cache  
SPECrate®2017\_int\_base Over 740 (est.)



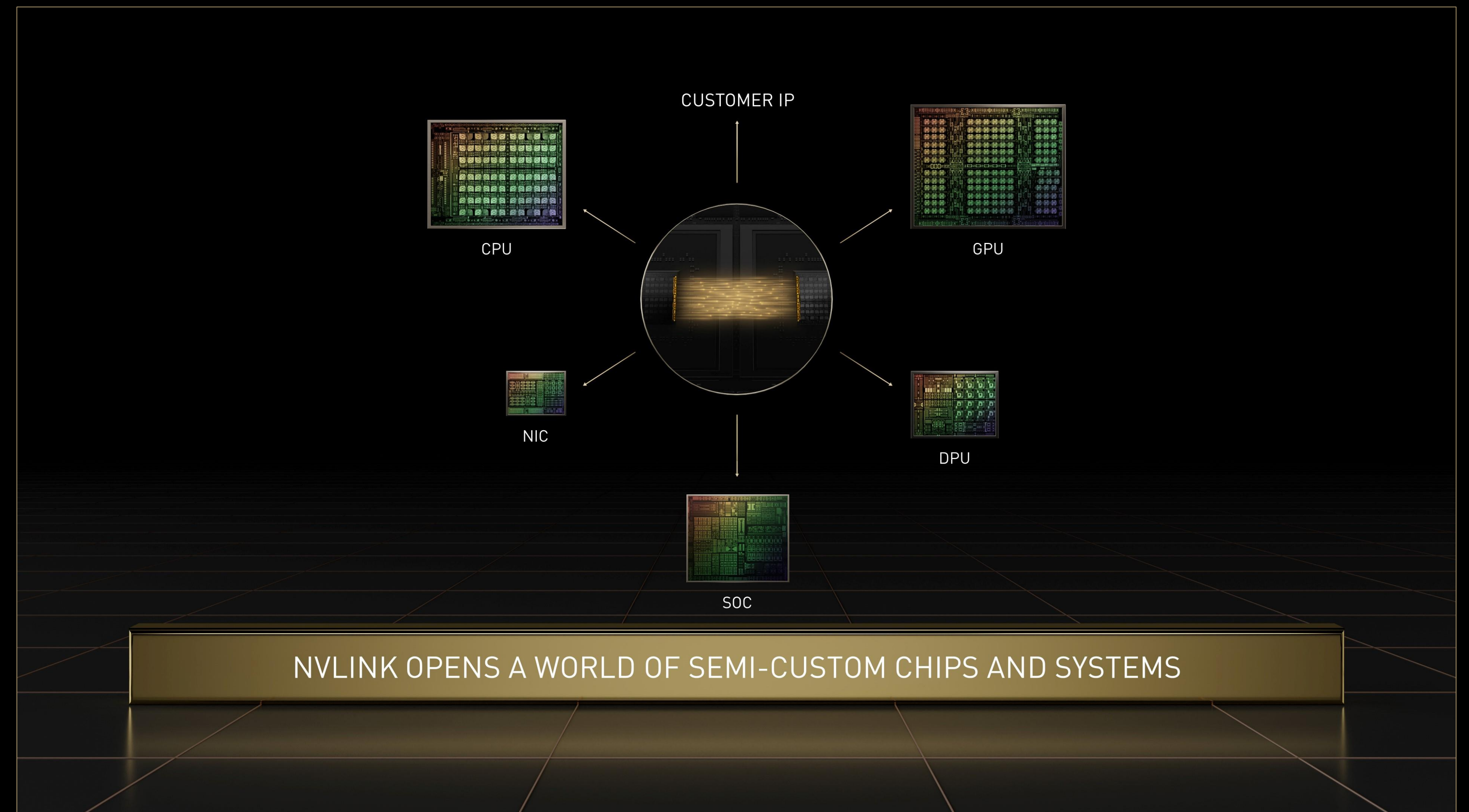
# “NVLINK-C2C WILL NOW SPAN TO ALL OF NVIDIA'S SILICON”

TOM'S HARDWARE

“NVLink will be coming to all future NVIDIA chips – CPUs, GPUs, DPUs, and SOCs. And NVLink is open for customers and partners to build custom chips.

“NVLink opens a new world of opportunities to build semi-custom chips and systems that leverage NVIDIA's platforms and ecosystems.”

Jensen





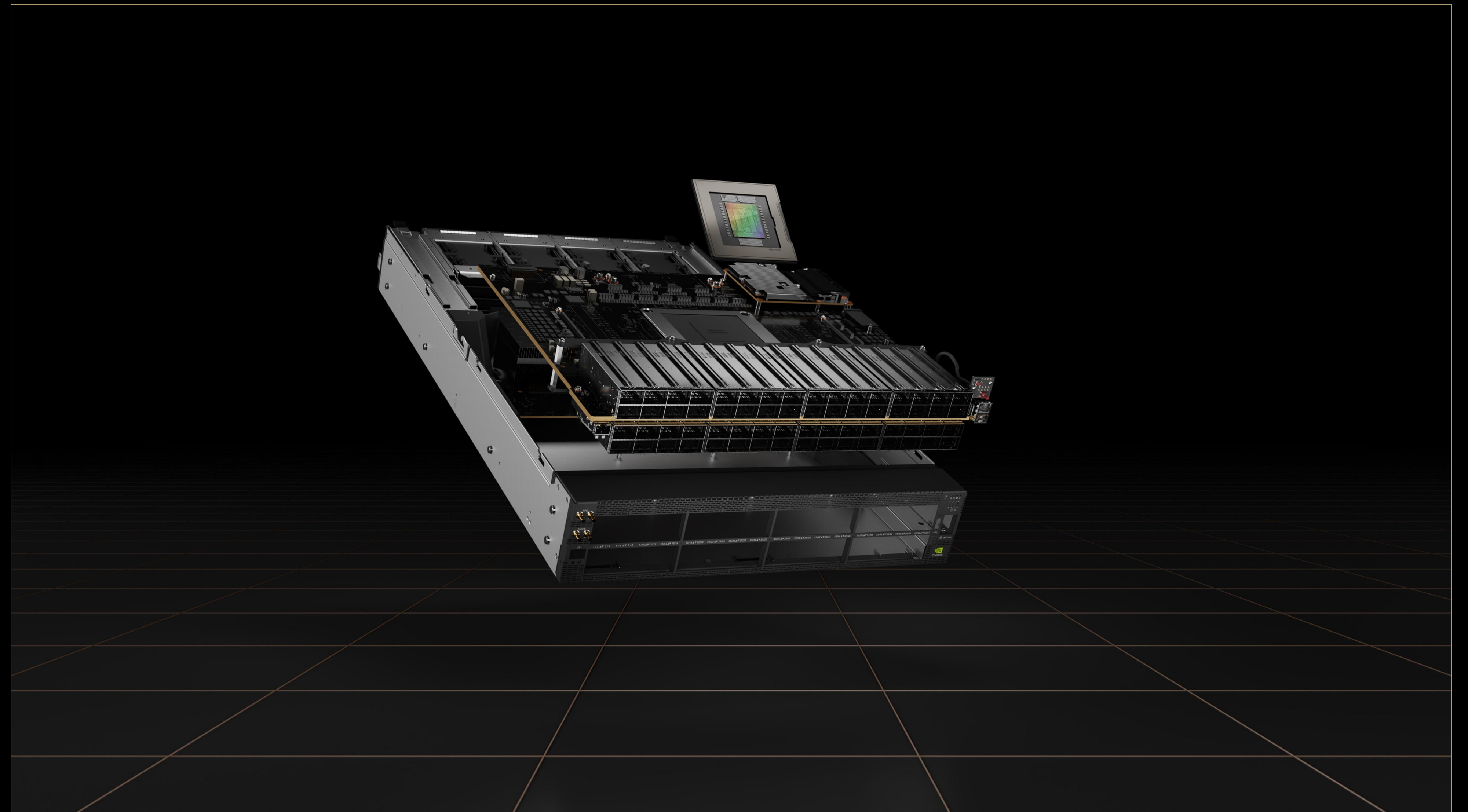
# “NVIDIA DEBUTS SPECTRUM-4 ETHERNET PLATFORM WITH EYES ON THE ENTERPRISE”

HPCWIRE

“We introduced the Spectrum-4 platform. At 51.2 Tbps, the 100-billion transistor Spectrum-4 is the most advanced switch ever built.

“Hyperscalers will enjoy increased throughput, quality of service, and security, while reducing power and cost. And Spectrum-4 enables a new class of computers for Omniverse digital twins in cloud and edge data centers.”

Jensen



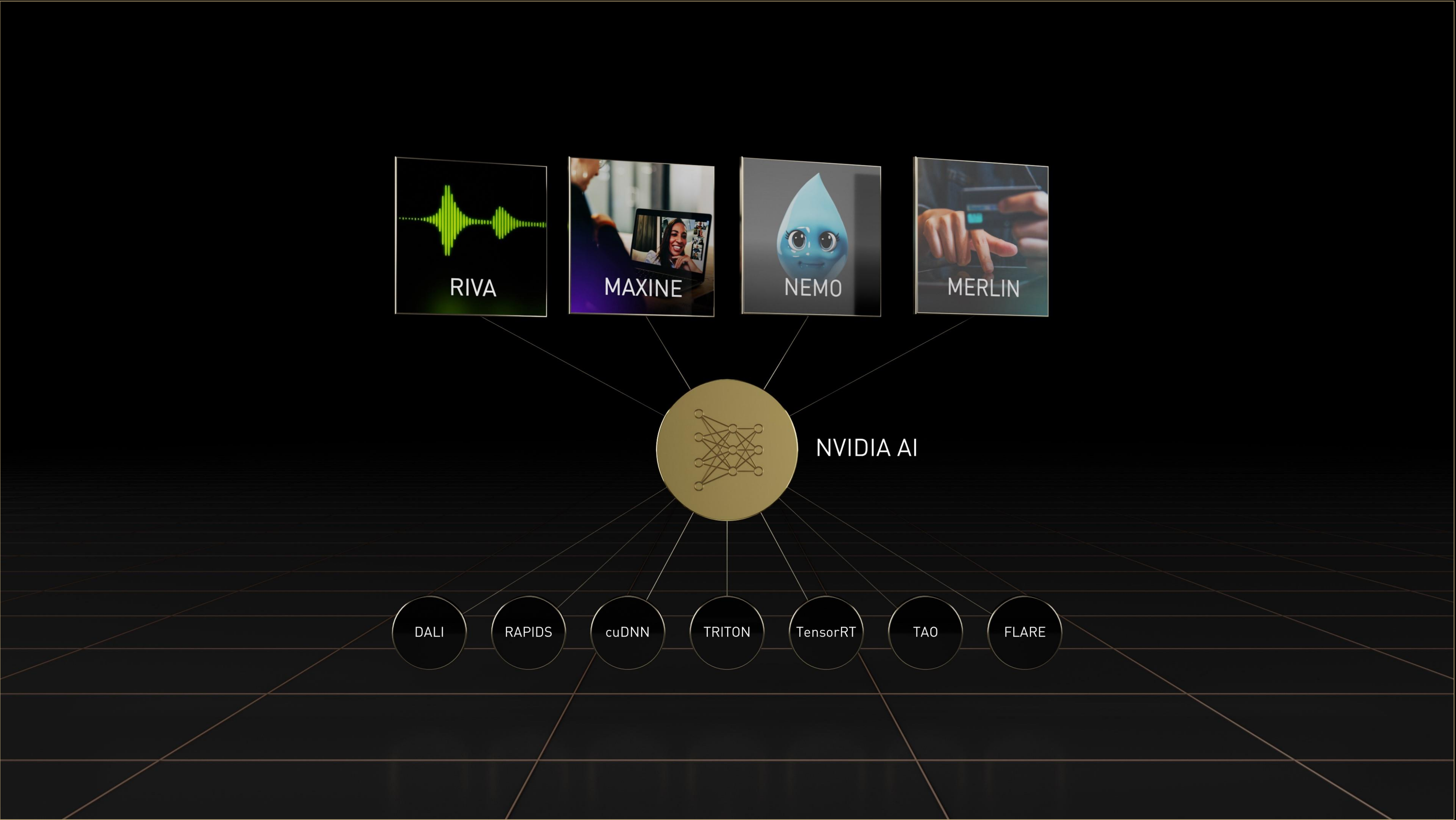


# “NVIDIA MOVES TO FRONT OF THE AI PACK WITH SOFTWARE”

TECH REPUBLIC

“The NVIDIA AI suite of libraries spans the entire AI workflow – from data processing and ETL feature engineering to graph, classical ML, and deep learning model training to large-scale inference. NVIDIA DALI, cuDNN, RAPIDS, Triton, and Magnum IO are among the most popular libraries.”

Jensen





# “NVIDIA UNVEILS NEW TECHNOLOGY TO SPEED UP AI”

REUTERS

“We use the libraries to create specialized AI frameworks that include state-of-the-art pretrained models and data pipelines that make it easy to scale out.

“At GTC we announced updates to: NVIDIA Triton, an open-source hyperscale model inference server; NVIDIA Riva, a state-of-the-art speech AI based on deep learning; NVIDIA Maxine, an AI model toolkit used by developers to reinvent communications and collaborations; and NVIDIA Merlin, an AI framework for recommender systems.”

Jensen





# “NVIDIA PRESENTS GRAND UNIFIED THEORY OF THE OMNIVERSE”

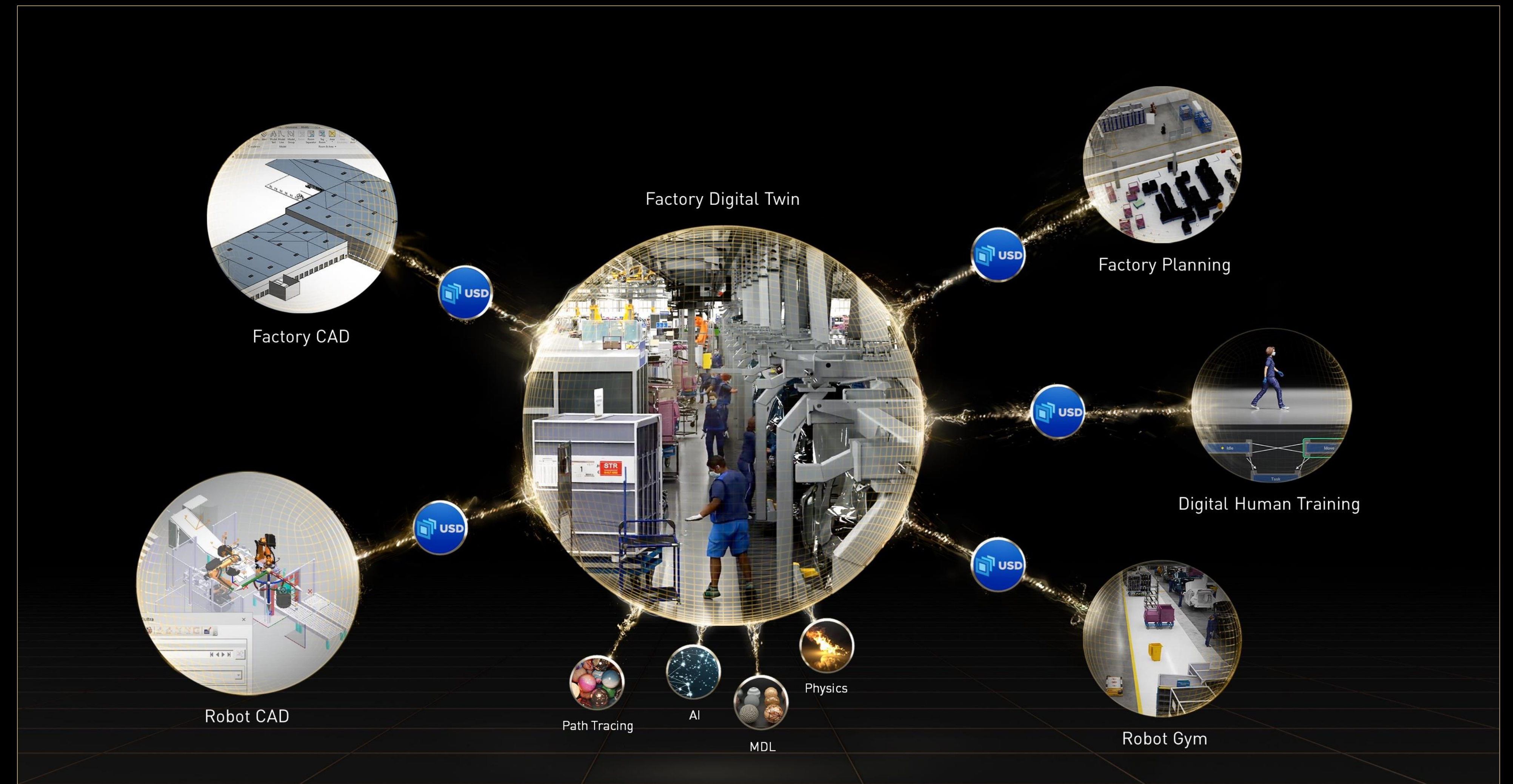
RCR WIRELESS

“NVIDIA Omniverse is about digital twins, virtual worlds, and the next evolution of the internet. Over 20 years of NVIDIA graphics, physics, simulation, AI, and computing technologies made Omniverse possible.

“Simulating the world is the ultimate grand challenge. Omniverse is a simulation engine of virtual worlds. Omniverse worlds are physically accurate, obeying the laws of physics.

“Omniverse operates at vast scales. And Omniverse is sharable, connecting designers, viewers, AIs, and robots.”

Jensen





“NEW OMNIVERSE TOOLS WILL  
MAKE IT EASIER THAN EVER TO  
BUILD VIRTUAL WORLDS”

ZDNET

“Our customers in robotics and industrial automation are realizing the importance of digital twins and are doing amazing things in Omniverse.

“Pepsi uses Omniverse to create digital twins of their facilities to drive better safety and efficiency.”

Jensen



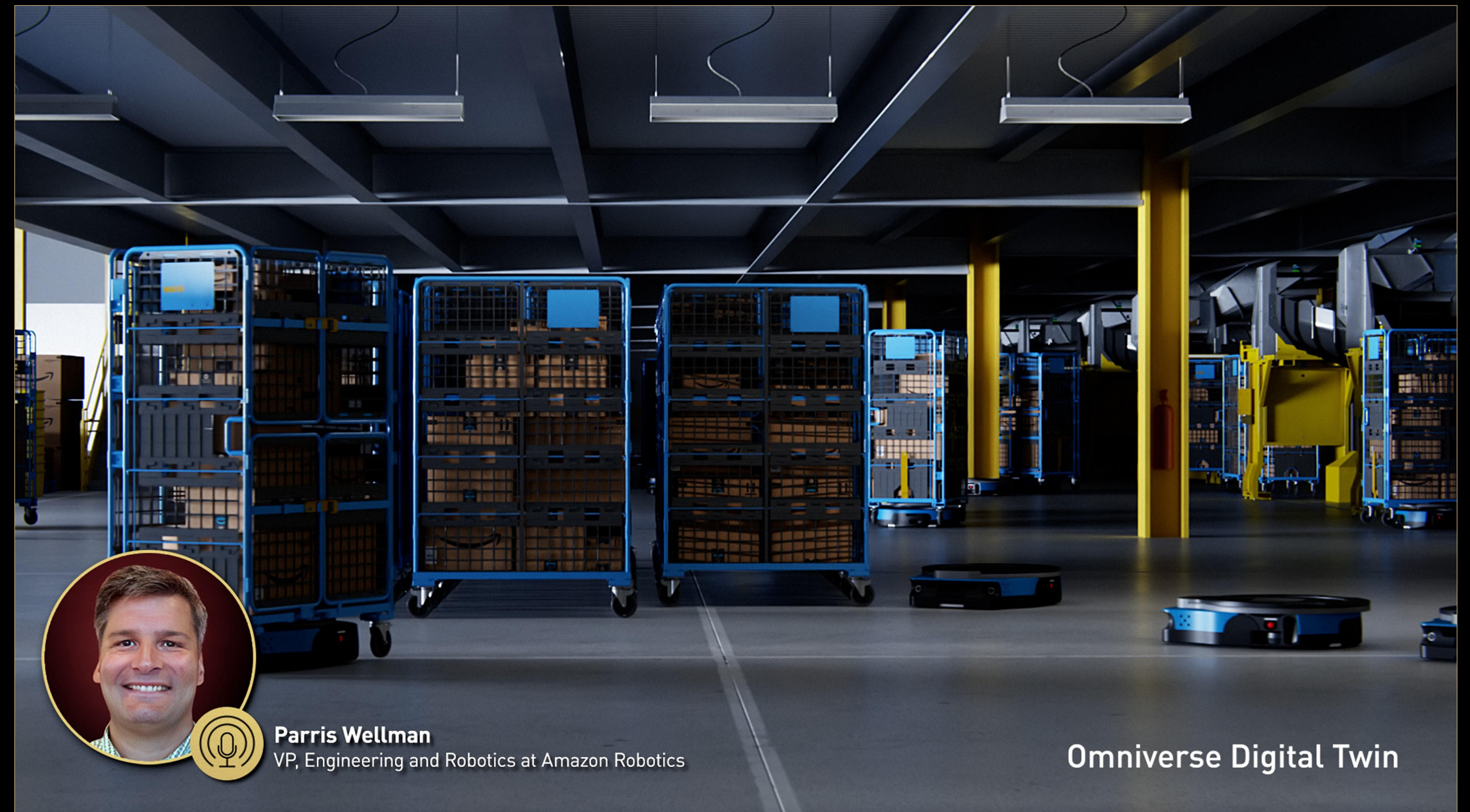


# “NVIDIA'S ROBOTICS PLATFORM GOT A JOB AT AMAZON”

SLASH GEAR

“The warehouse is also a robot, orchestrating the flow of materials and the route plans of the autonomous mobile robots inside. Amazon uses an Omniverse digital twin to design and optimize their incredible fulfillment center operations.”

Jensen





# “OMNIVERSE CLOUD IS AN EXCITING AND PROMISING SERVICE”

HOT HARDWARE

“Enterprise customers currently host Omniverse on OVX computers in their data centers, or designers self-host on their RTX PCs and workstations. We want Omniverse to reach every one of the 10’s of millions of designers, creators, roboticists, and AI researchers. With Omniverse Cloud, collaborators are connected in just a few clicks”

Jensen





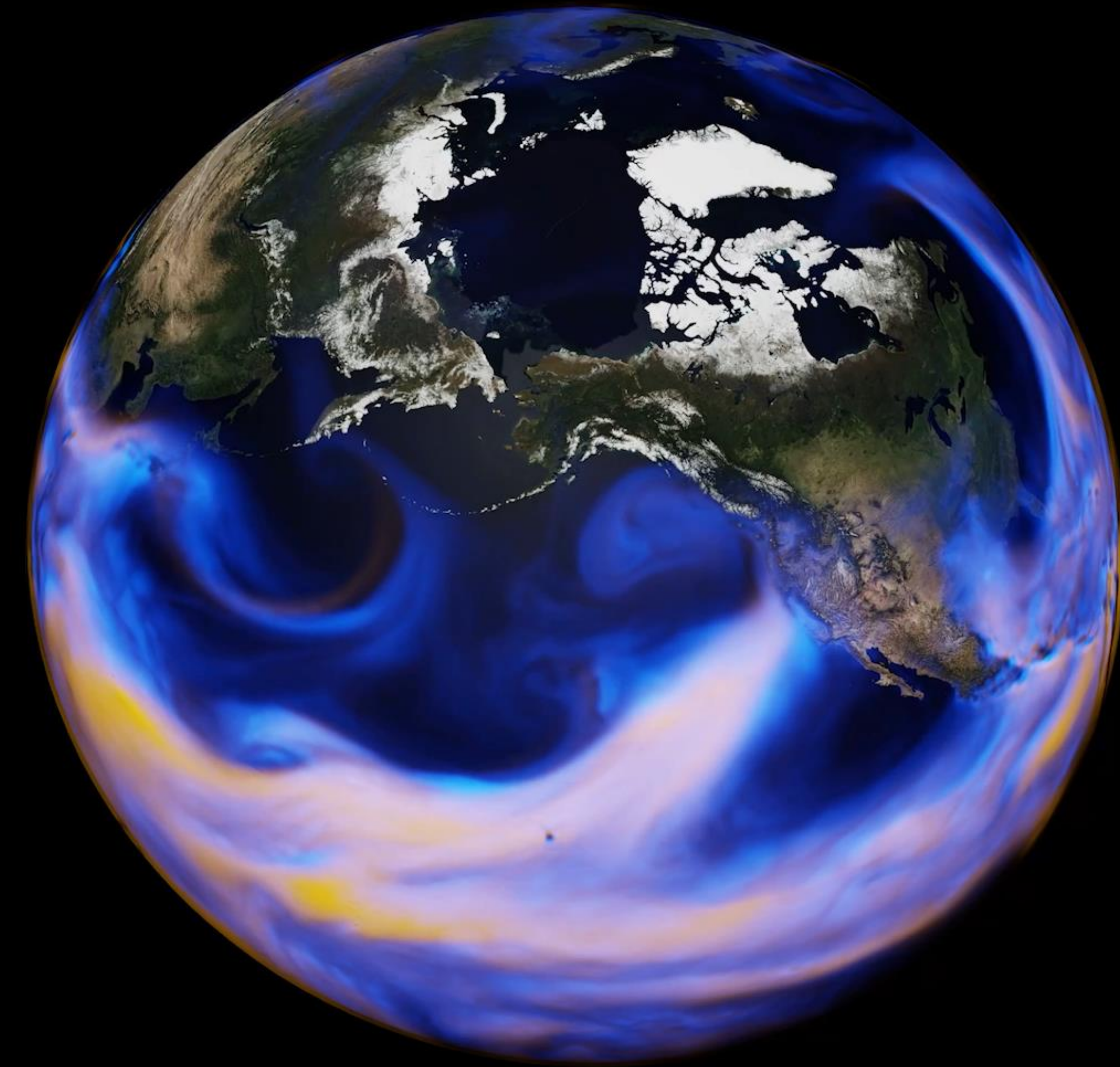
# “NVIDIA SPEEDS AI, CLIMATE MODELING”

CIO.COM

“Scientists predict that a supercomputer a billion times larger than today’s is needed to effectively simulate regional climate change. Yet, it is vital to predict now the impact of our industrial decisions and the effectiveness of mitigation and adaptation strategies.

“NVIDIA is going to tackle this grand challenge with Earth-2, the world’s first AI digital twin supercomputer, and invent new AI and computing technologies to give us a billion-x speedup before it’s too late.”

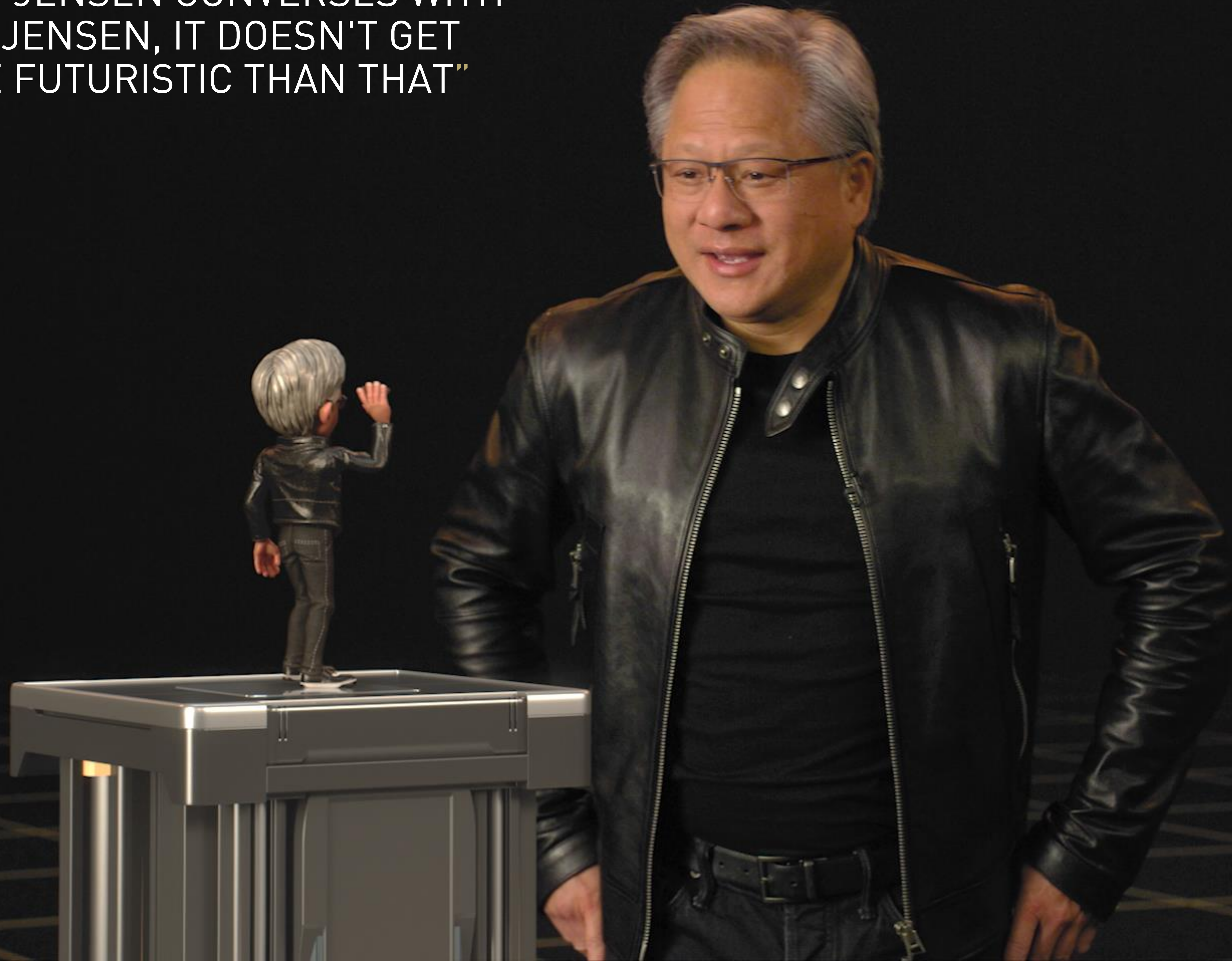
Jensen





“WHEN TOY JENSEN CONVERSES WITH  
THE REAL JENSEN, IT DOESN'T GET  
ANY MORE FUTURISTIC THAN THAT”

MAD MONEY





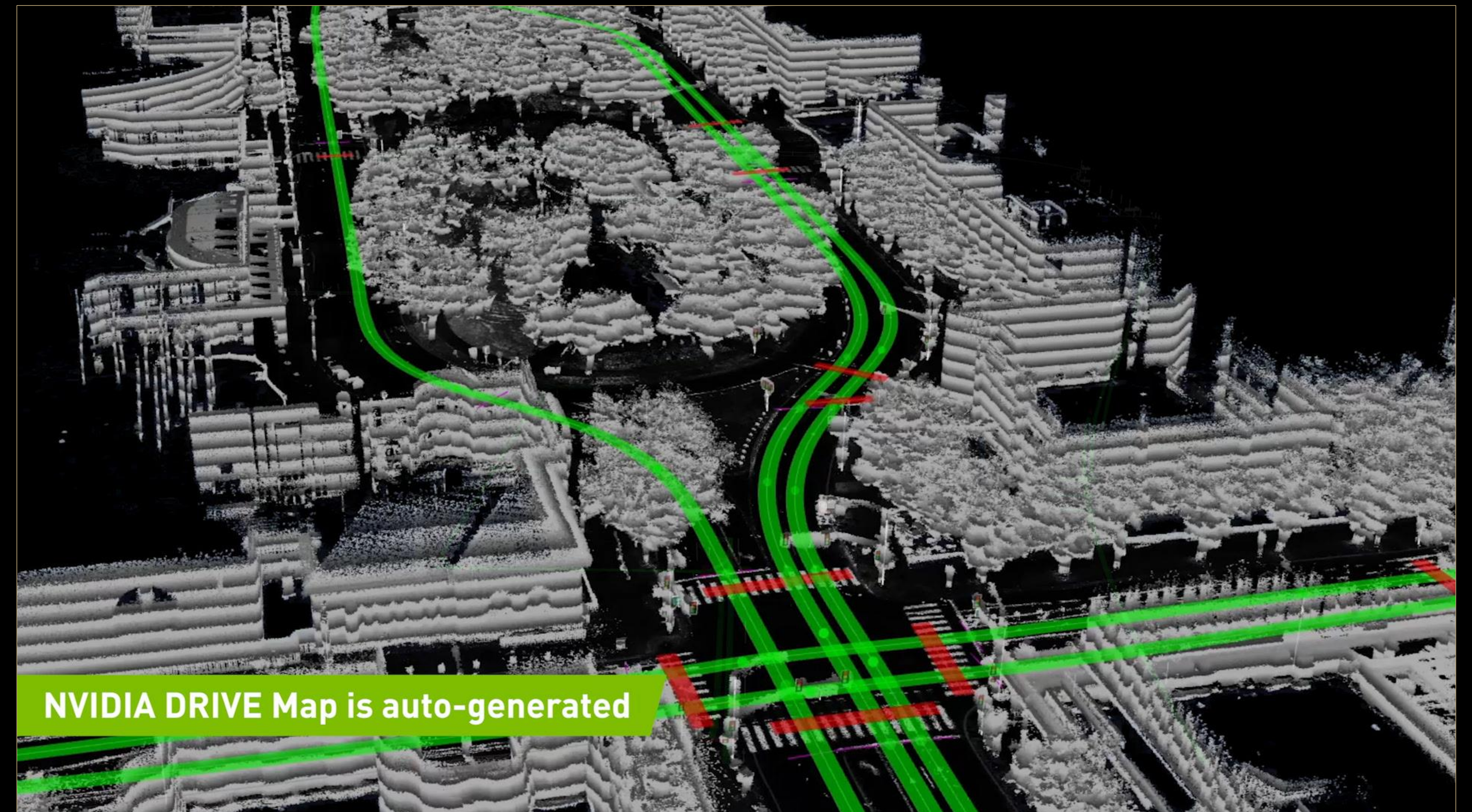
# “NVIDIA IS GOING HARD ON MAKING VEHICLES SMARTER”

GIZMODO

“NVIDIA DRIVE is our autonomous vehicle system, it’s essentially an AI chauffeur. As with all of our platforms, DRIVE is full-stack, end-to-end, and open for developers to use in-whole or in-parts.

“For ground-truth data, we use our DeepMap HD mapping, human-labeled data, and Omniverse Replicator. To train the AI models, we use NVIDIA AI and DGX. DRIVE Sim in Omniverse, running on OVX, is the digital twin. And DRIVE AV is the autonomous driving application running on our Orin computer in the car.”

Jensen





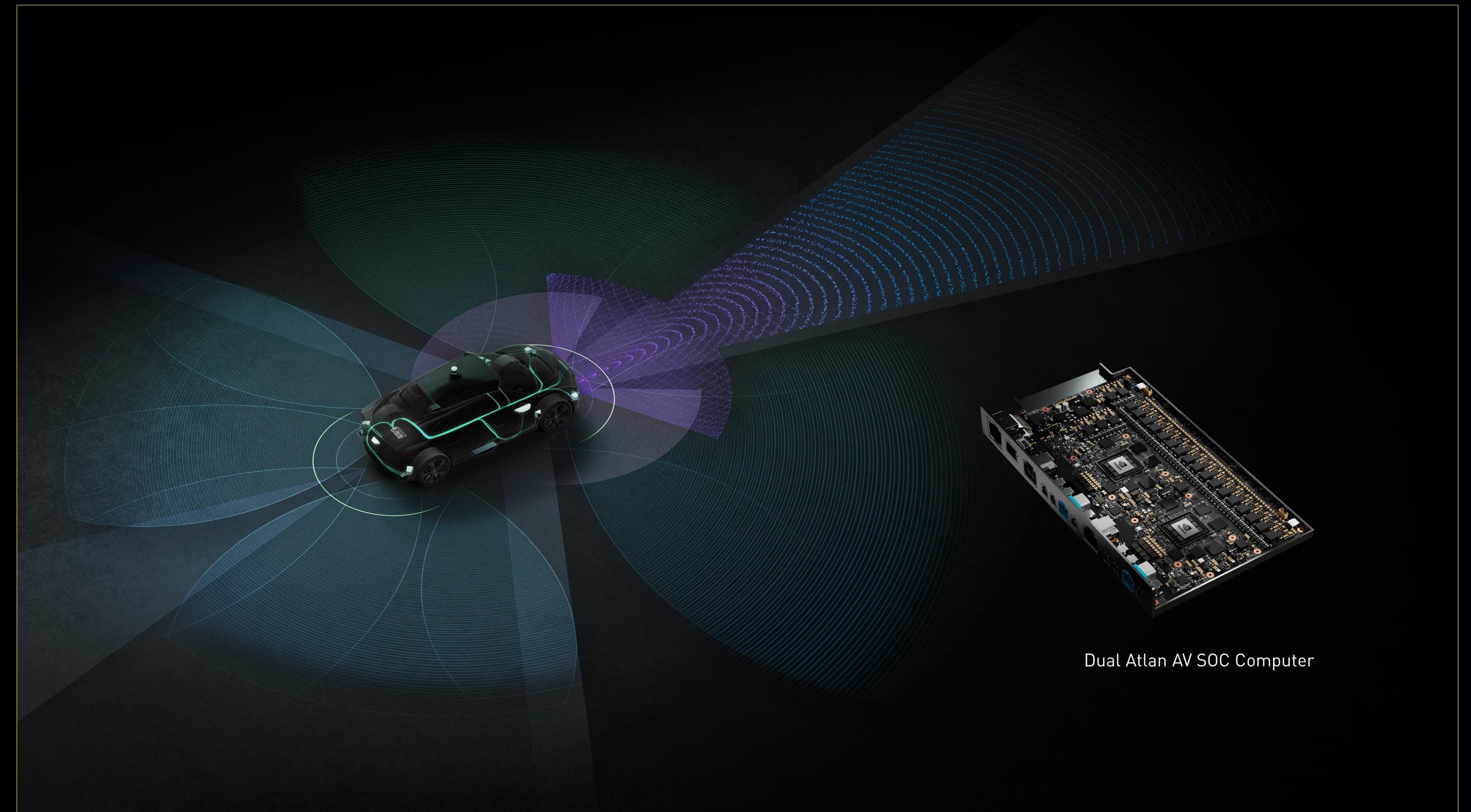
# “SENSOR ECOSYSTEM FOR AVS EXPANDS, AS NVIDIA DRIVE ROLLOUTS SHOW”

FIERCE ELECTRONICS

“Hyperion 8 is the hardware architecture of our self-driving car and it’s what we build our entire DRIVE platform on. It will ship in Mercedes-Benz cars starting in 2024, followed by Jaguar Land Rover in 2025.

“Hyperion 9 for cars shipping starting in 2026. It will process twice the amount of sensor data compared to Hyperion 8, further enhancing safety and extending the operating domains of full self-driving.”

Jensen





# “NVIDIA’S GTC PROVIDES A GLIMPSE AT A WORLD FULL OF AUTONOMOUS MACHINES”

FORBES

“There are tens of millions of factories, stores, and restaurants. And hundreds of millions of square feet of warehouse and fulfillment centers.

“Modern fulfillment centers are evolving into technological marvels – facilities operated by humans and robots working together.

“NVIDIA’s robotics platforms consist of Metropolis and Isaac – Isaac is a platform for things that move. Metropolis is a stationary robot tracking moving things.”

Jensen





“NVIDIA’S CLARA HOLOSCAN MGX  
MEANS TO BRING HIGH-POWERED  
AI TO THE DOCTOR’S OFFICE”

TECHCRUNCH

“NVIDIA Clara Holoscan is an open and scalable  
development platform for medical instruments that  
supports the healthcare industry’s real-time sensors  
– RF ultrasound, 4K surgical video, high-throughput  
cameras, and lasers.

“Clara Holoscan MGX accelerates the productization of AI  
and provides software-as-a-service business models for  
the medical device industry.”

Jensen



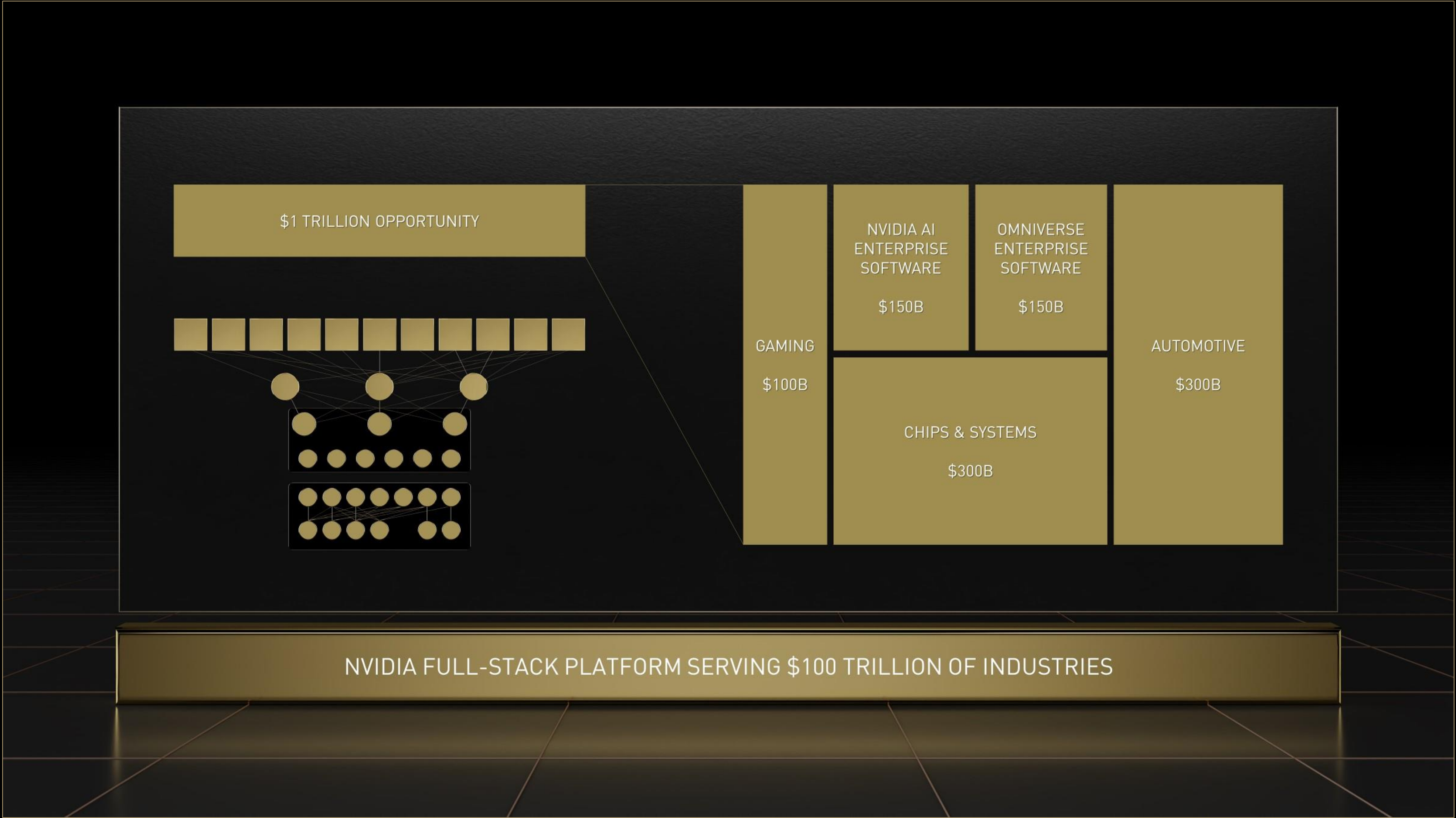


“NVIDIA’S TRILLION DOLLAR DREAMS”  
THE WALL STREET JOURNAL

“Every group builds its products and strategies on one NVIDIA architecture, leveraging the full platform and all our technologies to serve our markets. This intense focus on platform leverage lets us direct the full might of NVIDIA to serve every industry.

“In computing, we will distill our opportunities in serving a hundred trillion dollars of industries. We estimate our own available market opportunity at about 1% of the industries we serve. Over the years and decades ahead, our available market opportunity will grow into this opportunity.”

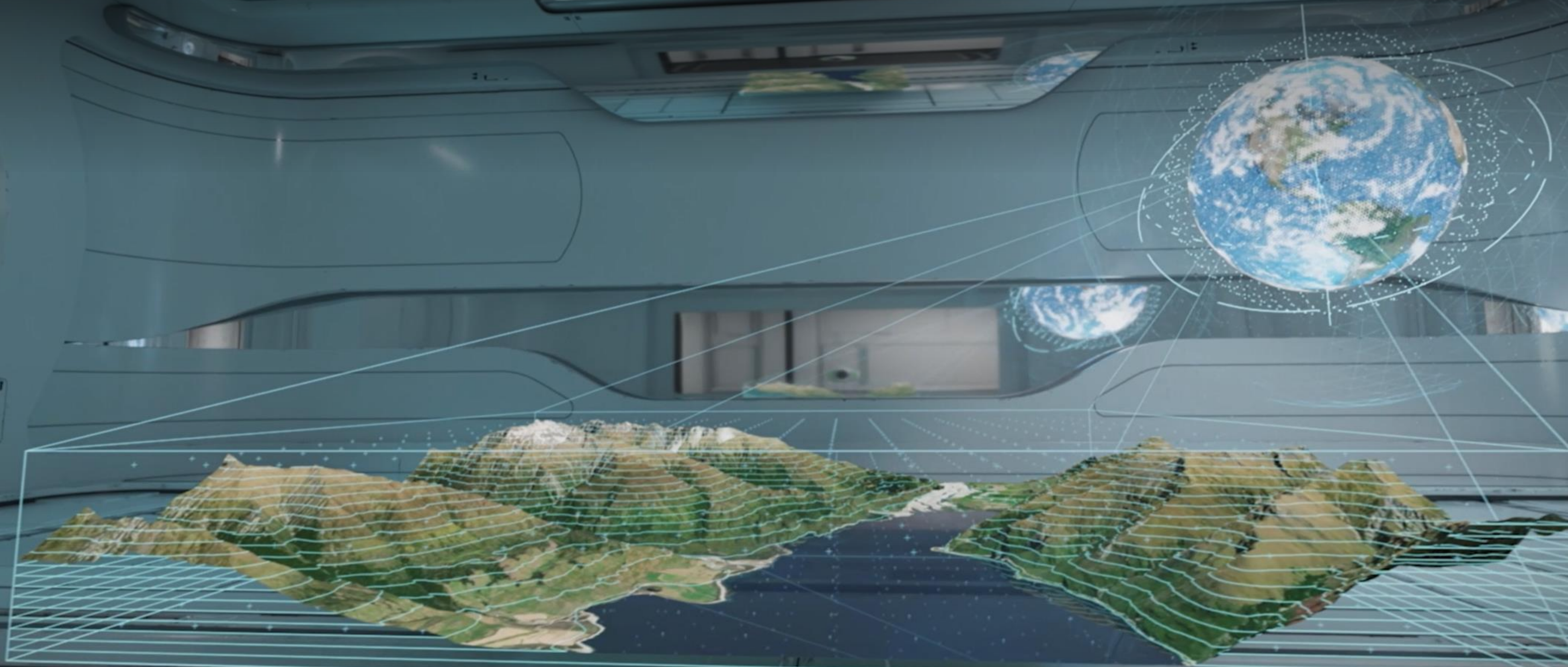
Jensen





“NVIDIA OWNS THE FUTURE”

MAD MONEY







[NVIDIA.COM/GTC](https://www.nvidia.com/gtc)