Lam Research and NY Creates Team Up to Enable Training of University Students for the Semiconductor Workforce

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Lam's Semiverse ® Solutions virtual fabrication platform expected to provide hands-on chip fabrication training for engineering students across NY Creates' workforce development network

News Summary

FREMONT, Calif. and ALBANY, N.Y., Aug. 12, 2026 /PRNewswire/ -- Lam Research Corp. (Nasdaq: LRCX) and New York Center for Research, Economic Advancement, Technology, Engineering and Science (NY Creates) today announced a collaboration to enable the training of approximately 3,500 students in semiconductor process integration over the next five years. NY Creates is a New York not-for-profit organization that owns and operates the Albany NanoTech Complex, the most advanced nonprofit-led 300m semiconductor R&D site in North America. The program will use Lam's SEMulator3D® virtual fabrication software, part of the Semiverse ® Solutions portfolio, to deliver hands-on learning across NY Creates' network of partner colleges and universities in the Northeast.

Addressing a Critical Talent Gap The semiconductor industry faces a growing talent shortage as next-generation chip technologies demand engineers with hands-on process integration experience - which many universities cannot provide because of the high cost of physical fabrication facilities, equipment, and materials. This collaboration bridges that gap directly, bringing industry-grade virtual fabrication tools into academic programs at scale, without requiring access to a cleanroom.

"Preparing the next generation of semiconductor engineers requires more than classroom instruction; students need practical experience with the complex process decisions that shape how advanced chips are made," said David Fried, chief AI officer and corporate vice president for Semiverse Solutions at Lam Research. "Through this collaboration, access to Lam's SEMulator3D virtual fabrication platform is expected to help students build the critical process integration skills that complex chipmaking demands before they set foot in a fab."

SEMulator3D is a semiconductor process modeling platform that uses advanced physics-based simulation to virtually replicate fabrication steps such as etch, deposition, and lithography for the full virtual fabrication flow, enabling students to design, analyze, and optimize chip manufacturing integration flow without the need for physical wafers. By visualizing how individual process steps interact - and the tradeoffs involved in building advanced semiconductor structures - students can move beyond learning what happens in chip manufacturing to understanding why specific process decisions are made. Integrating SEMulator3D into engineering curricula can accelerate the learning process and instill a deeper understanding of the complexities and nuances of manufacturing semiconductor chips at current and future technology nodes.

"Lam Research's Semiverse Solutions bring world-class virtual fabrication capabilities directly into our partner institutions," said Dr. Robert Geer, NY Creates Vice President for Education and Workforce Development. "This collaboration enables students across the Northeast to access immersive, hands-on learning that directly prepares them for careers in advanced semiconductor manufacturing - and strengthens the regional talent pipeline that our ecosystem needs."

Scale and Scope of the Program The collaboration is expected to advance semiconductor workforce development across NY Creates' programs and partner colleges and universities, using academic partnerships and industry-aligned education in advanced semiconductor manufacturing and process

integration. Specifically, the program is intended to:

About Lam Research Lam Research Corporation is a global supplier of innovative wafer fabrication equipment and services to the semiconductor industry. Lam's equipment and services allow customers to build smaller and better performing devices. In fact, today nearly every advanced chip is built with Lam technology. We combine superior systems engineering, technology leadership, and a strong values-based culture, with an unwavering commitment to our customers. Lam Research (Nasdaq: LRCX) is a FORTUNE 500® company headquartered in Fremont, Calif., with operations around the globe. Learn more at www.lamresearch.com.

About NY Creates NY Creates serves as a lab-to-fab bridge for advanced electronics, fostering public-private and industry-academic partnerships for technology development and innovation. Creates attracts and leads industry-connected innovation and commercialization projects that secure significant investment, advance R&D in emerging technologies, and generate the jobs of tomorrow. Creates runs some of the most advanced facilities in the world, boasts more than 2,700 industry experts and faculty, and manages public and private investments of $25 billion-placing it at the global epicenter of high-tech innovation and commercialization. Learn more at www.ny-creates.org.

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