



Applied's New Materials Engineering Technology Accelerator is Open for Collaboration

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State-of-the-art R&D facility provides Applied Materials customers and ecosystem partners with unique capabilities to pioneer breakthrough technologies



The META Center is a state-of-the-art R&D facility aimed at speeding the commercialization of new technologies for the AI Era.

SANTA CLARA, Calif., Nov. 08, 2019 (GLOBE NEWSWIRE) -- Applied Materials, Inc. today announced the opening of the Materials Engineering Technology Accelerator (META Center), a first-of-its-kind facility aimed at speeding customer prototyping of new materials, process technologies and devices. As chipmaking becomes increasingly challenging, the META Center extends Applied's ability to collaborate with customers to pioneer new ways of improving chip performance, power and cost.

Located at the State University of New York Polytechnic Institute (SUNY Poly) campus in Albany, New York, the META Center's cleanroom provides customers and partners access to state-of-the-art process systems to help shorten the time from lab to fab.

"We are excited to open the doors of the META Center and invite the industry to collaborate with us to accelerate innovation, from materials to systems," said Steve Ghanayem, senior vice president of New Markets and Alliances at Applied Materials.

"Applied Materials welcomes innovators from established and emerging fields to work with us at the META Center to speed the commercialization of new technologies for the AI Era," said Om Nalamasu, CTO of Applied Materials and president of Applied Ventures.

"The META Center further establishes SUNY Poly as a world-class hub for advanced technology research and development," said SUNY Chancellor Kristina M. Johnson. "We are excited to work with Applied Materials to spur new collaboration opportunities throughout the technology sector and across the SUNY network."

"New York State is home to a thriving high-tech ecosystem and the opening of the META Center will keep us at the forefront of technology innovation," said Empire State Development Acting Commissioner, and President & CEO-designate Eric Gertler. "The partnership we've developed with NY CREATES, SUNY and Applied Materials will create the building blocks to bring new business, research, jobs and educational opportunities to the state for years to come."

At the META Center, engineers can evaluate novel chip materials, structures and devices, testing them in a robust pilot manufacturing environment and accelerating their readiness for customer high-volume manufacturing facilities. Among the first chip devices under evaluation at the META Center is a new magnetic random-access memory (MRAM) targeted at Internet of Things devices, providing low-power, nonvolatile code storage and

high-density working memory. Applied's recently launched [Endura® Clover™ MRAM PVD platform](#) is among the systems at the META Center enabling this capability.

The META Center is a strategic addition to Applied's global R&D environment. It complements Applied's Maydan Technology Center in Silicon Valley where new process systems are developed, along with the company's Advanced Materials Lab and Advanced Packaging Development Center, both located in Singapore. Applied's global R&D environment demonstrates the company's commitment to a new playbook for industry innovation and collaboration, from materials to systems.

About Applied Materials

Applied Materials, Inc. (Nasdaq: AMAT) is the leader in materials engineering solutions used to produce virtually every new chip and advanced display in the world. Our expertise in modifying materials at atomic levels and on an industrial scale enables customers to transform possibilities into reality. At Applied Materials, our innovations make possible the technology shaping the future. Learn more at www.appliedmaterials.com.

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A photo accompanying this announcement is available at <https://www.globenewswire.com/NewsRoom/AttachmentNg/03f2431a-e79e-4737-b302-bf06ffd20250>



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