

Video Message Transcript

Applied Materials EPIC Center Launch

May 22, 2023

Mukesh Khare, Vice President, Hybrid Cloud, IBM

IBM is enabling our clients with trustworthy artificial intelligence technology for the enterprise and is delivering it through a secure hybrid cloud platform. Artificial intelligence workloads demand significant computing resources to build and deploy large models. Innovation in semiconductor technology is at the heart of meeting compute demand of AI workloads at increased speed and with a lower carbon footprint.

IBM is developing sub-two-nanometer logic technology and chiplet technology at Albany Nanotech in a public-private partnership ecosystem with industry and academic leaders to deliver next-generation semiconductor materials and architectures at acceptable speed and cost. We need even greater collaboration with innovators like Applied Materials, who provide novel material solutions and access to next-generation equipment. Applied Materials' new R&D center in Silicon Valley complements and strengthens our existing materials engineering collaboration in Albany and it will further accelerate new technology innovation. It will also inspire a new generation of innovators by providing early access to new equipment, process technology and end-to-end device validation through Albany Nanotech.

Congratulations to Applied Materials on launching this critical and timely R&D initiative for the benefit of the semiconductor industry. Thank you.