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Micron Joins CERN openlab, Bringing New Machine Learning Capabilities to Advance Science and Research

Micron's High-Performance Memory Solutions to Support Discoveries in High-Energy Physics

BOISE, Idaho, Nov. 12, 2018 (GLOBE NEWSWIRE) -- Micron Technology, Inc., (Nasdaq: MU) an industry leader in high-performance memory storage solutions, today announced the company has joined [CERN openlab](#), a unique public-private partnership agreement. Under the agreement, Micron will provide CERN with advanced next-generation memory solutions and machine learning capabilities for high-energy physics experiments at the laboratory. Micron's memory solutions that combine next-generation memory solutions tested in the data-acquisition systems of experiments at CERN.

High-energy physics scientists are looking to deploy leading-edge technologies that can support their experimental data processing requirements. Memory plays a vital role in accelerating intelligence by processing vast amounts of valuable insights from data generated by high-energy physics experiments.

As part of the work with CERN, Micron will develop and introduce a specially designed Micron memory solution for use by researchers at CERN for use in rapidly combing through the vast amount of data generated by experiments. This solution is based on boards with Micron's most advanced high-performance memory combined with an advanced neural network architecture. This collaboration between Micron and FWDNXT, a provider of deep learning and AI solutions.

"Micron is committed to pushing the limits of innovation by providing high-performance memory and storage solutions to help address the greatest computing and data processing challenges in data analytics and machine learning," said Steve Pawlowski, CEO of computing solutions at Micron Technology. "We're proud to work with CERN to deliver machine learning capabilities to help high-energy physics scientists to make advances in their science and research experiments."

"CERN collaborates openly with both the public and private sector, and working with technology partners like Micron and machine learning solutions from FWDNXT offer significant potential in terms of enabling us to process data faster. Members of the research community have access to the advanced computing technologies needed to carry out experiments. Maria Girone, CTO at CERN openlab. "It is critical to the success of the Large Hadron Collider that we are able to process the vast amount of data generated in a fast and intelligent manner that enables us to unlock new scientific discoveries. These latest solutions from Micron and machine learning solutions from FWDNXT offer significant potential in terms of enabling us to process data faster."

Micron will demonstrate its high-performance memory solutions running FWDNXT's Machine Learning SDK at the CERN openlab in Dallas, Texas. For more information on Micron, please visit www.micron.com.

Resources

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About Micron Technology, Inc.

We are an industry leader in innovative memory and storage solutions. Through our global brands — Micron® — broad portfolio of high-performance memory and storage technologies, including DRAM, NAND, NOR Flash — we are transforming how the world uses information to enrich life. Backed by 40 years of technology leadership, our solutions enable disruptive trends, including artificial intelligence, machine learning, and autonomous vehicles, in key markets: data center, networking, mobile and automotive. Our common stock is traded on the NASDAQ under the symbol MURK. To learn more about Micron Technology, Inc., visit www.micron.com.

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