

HPC Ace Computers Announces HPC Technology Optimized for Simulation with NVIDIA RTX



Ace Computers just announced that they will be bringing leading-edge NVIDIA RTX graphics products, perfect for simulation applications, to Supercomputing 2018.

CHICAGO (PRWEB) October 25, 2018

Ace Computers just announced that they will be bringing leading-edge NVIDIA RTX graphics products, perfect for simulation applications, to Supercomputing 2018. NVIDIA launched the new RTX technology at the end of Sept.

Ace Computers CEO John Samborski said, “This is extremely impressive technology and one of the best implementations of graphics I have ever seen—especially for AI and deep learning—we are already starting to include it in quotes.”

NVIDIA’s RTX platform combines ray tracing, deep learning and rasterization to fundamentally transform the simulation process for developers through the NVIDIA Turing GPU architecture and support for industry leading tools.

The RTX platform provides software APIs and SDKs running on advanced hardware. Applications built on the platform bring the power of real-time photorealistic rendering and AI-enhanced graphics, video, and image processing to enable engineers and developers to create simulations and models in a revolutionary manner.

With more than a decade of development in physics simulation, the RTX platform features APIs such as NVIDIA’s PhysX, FleX and CUDA 10, to accurately model, through virtual environments, how objects interact in the real world. In addition to simulation advancements, other innovations include:

- Ray Tracing (OptiX, Microsoft DXR, Vulkan)
- AI-Accelerated Features (NGX)
- Rasterization (Advanced Shaders)

The RTX Platform supports industry standards for the asset interchange, such as Universal Scene Description (USD) from Pixar and the open-source NVIDIA Material Definition Language (MDL).

SC18 will run Nov. 11-16 in Dallas. The annual event is considered the premier venue for the world’s top HPC cluster and high-end workstation builders, resellers, and associated product vendors and service providers.

This year the event will feature a series of commemorations to celebrate three decades of amazing achievements since the first conference in 1988: a history scavenger hunt, exhibitor awards, a 30th anniversary video (available on a souvenir flash drive to all attendees), a story booth, a special panel, invited talks, a dedicated digital archive, and a Lobby Museum.

Founded in 1983, Ace Computers is one of the most established and respected custom technology builders in the world. The company is a Woman-Owned Small Business manufacturer and reseller for the public sector as well as the commercial sector with a stellar record of outstanding customer service, engineering expertise and on-time delivery. Ace Computers is a multi-year CES Award winner and HPCwire Readers’ Choice Award finalist. In addition to some of the finest academic institutions in the U.S., long-term clients include the U.S. Department of Energy and the U.S. Department of Defense. Contracts include GSA, NETCENTS 2 and SEWP V. Headquartered in Greater Chicago, additional locations include New York, New Jersey, Florida, Virginia, Nevada, Arizona, Colorado and Washington. To contact Ace Computers, call 1-877-223-2667 or 1-847-952-6900 or

visit <http://www.acecomputers.com/TopProducts.asp>

For the original version on PRWeb

visit: https://www.prweb.com/releases/ace_computers_announces_hpc_technology_optimized_for_simulation_with_nvidia_rtx_at_sc18/prweb15866983.htm