NVMe Developer Days

Keynote Highlights NVMe's Role in Unlocking the Secrets of Genomes, Earthquakes, and Human Intelligence

San Diego Supercomputer Center leader will show how NVMe enables scientific, financial, and business users to solve vital problems much faster

San Diego, CA – November 8, 2018 – NVMe Developer Days, the first industry conference focused exclusively on NVMe, announces that Shawn Strande, Deputy Director of the San Diego Supercomputer Center, will present a keynote on storage for high-performance computing (HPC) at its inaugural event. Strande's talk has applications in drug discovery, earthquake and climate modeling, genome research, self-driving cars, cybersecurity, electronic warfare, and high-frequency financial trading. NVMe Developer Days will be held December 5-6 at the Hilton San Diego Bayfront.

Strande has played a key role in bringing new machines to the San Diego Supercomputer Center. He is the Co-Principal Investigator and Project Manager for Comet, a petascale supercomputer intended to reach large numbers of scientific users. Since its inception, Comet has supported over 40,000 users from all scientific and engineering disciplines, including cancer research, DNA nanostructures, alternative energy sources, disaster prevention, and neurosciences.

HPC is exploding in importance with new applications in science, engineering, business analytics, artificial intelligence, and machine learning. Storage plays a key role as Strande will discuss in his December 6 talk entitled, "HPC Storage Architectures Meet the Challenge of Data-Centric Computing."

"The San Diego Supercomputer Center has led efforts to bring high-performance computing to a tremendous number of users," said Mike Heumann, NVMe Developer Days Conference Chair. "Shawn Strande has been very influential in making this all work at a reasonable cost. We're very pleased that he will share his in-depth experience and insights at the inaugural NVMe Developer Days conference."

Pre-registration is now open for the inaugural NVMe Developer Days, to be held December 5-6 at the Hilton San Diego Bayfront. NVMe Developer Days is the first conference focused entirely on the "how-to's" of NVMe, the high performance storage standard based on the PCIe bus. Discussion and presentation topics include NVMe storage virtualization, software for NVMe developers, M.2 and EDSFF form factors, and "60 NVMe Tips and Tricks." The event also offers table exhibits and founding sponsorships for companies and organizations wanting to take leadership positions in this rapidly emerging market.

Supporting Resources:

Visit NVMe Developer Days: http://nvmedeveloperdays.com

About the San Diego Supercomputer Center (SDSC)

SDSC, residing on the UC San Diego campus, hosts one of the largest academic data centers in the world and is recognized as an international leader in advanced computation and all aspects of "Big Data", which includes data integration and storage, performance modeling, data mining and predictive analytics, and more. SDSC provides resources, services, and expertise to the national research community and supports hundreds of multidisciplinary programs spanning a wide variety of domains, from astrophysics and bioinformatics to environmental sciences and health IT.

About NVMe Developer Days

NVMe Developer Days is the first industry conference focused exclusively on the NVMe standard. It provides a single source for both storage designers and end users to learn about high-performance NVMe applications, technical specifications, available products and ecosystem support. NVMe Developer Days is organized by Conference ConCepts, a full-service professional management company best known for producing Flash Memory Summit, the world's leading event on non-volatile memory.

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