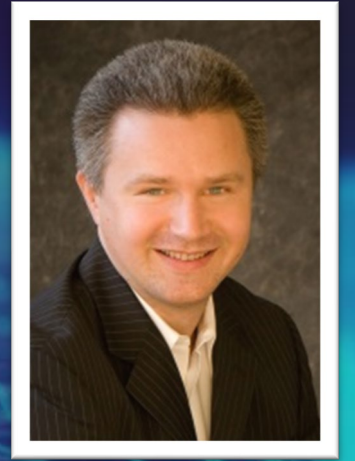


STORAGE DEVELOPER CONFERENCE



BY Developers FOR Developers

Virtual Conference
September 28-29, 2021



Welcome to SDC 2021

Michael Oros, Executive Director, SNIA

About SNIA

- Standards
- Interoperability Lab and Conformance Test Programs
- Technology Initiatives
- SNIA Education
- SNIA Events

Thanks

Thank you to our Attendees, Speakers, and Sponsors



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2021 SNIA SMB3
Interoperability Lab



Association Partners



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Sponsors as of 9.14.21

Agenda At-a-Glance – Tuesday, September 28

All times are PDT.

8:00 AM	SNIA SMB3 Interoperability Lab
8:30 AM – 8:40 AM	SDC 2021 Kickoff
8:40 AM – 12:00 PM	Keynote Presentations
12:00 PM	Breakout Sessions Available On-Demand
3:00 PM – 6:00 PM	Birds-of-a-Feather Sessions

Tuesday Keynote Speakers

- Quantum Technology and Storage: Where Do They Meet?
 - Doug Finke Managing Editor, Quantum Computing Report
- Innovations in Load-Store I/O causing Profound Changes in Memory, Storage, and Compute landscape
 - Dr. Debendra Das Sharma, Intel Fellow, Intel Corporation
- Maximizing Flash Value with the Software-Enabled Flash™ SDK
 - Eric Ries, SVP Memory and Storage Strategy Division, Kioxia

Wednesday Keynote Speakers

- Panel Discussion: DNA Data Storage - Preserving our Digital Legacy
 - Hosted by: Dave Landsman, DNA Data Storage Alliance; Director Industry Standards, Western Digital
- Power-Efficient Data Processing with Software-Defined Computational Storage
 - Yang Seok Ki, Sr. Director, Samsung Electronics
- The Perspective of Today's Storage Architectures, Viewed Through a Long Lens
 - Randy Kreiser, Storage Specialist/FAE, Supermicro
 - Alan Johnson, Director of Emerging Technologies, Supermicro
- Unlocking the potential of NVMe-oF and Software Defined Storage Thanks to Programmable DPUs
 - Sebastien Le Duc, Software Engineering Director, Kalray
- Beyond Zoned Named Spaces – ZNSNLOG bridging the semantic gap
 - Chun Liu, Chief Architect at Futurewei Technologies

Tuesday Birds-of-a-Feather Meetings

- 3:00 PM - 4:00 PM
 - NVMe
 - Security Landscape
- 4:00 PM - 5:00 PM
 - Future Innovations in Software Defined Flash Storage
 - CXL, InfiniBand, and Persistent Memory
- 5:00 PM - 6:00 PM
 - Data Processing Units (DPUs)
 - Ethernet SSD/Ethernet BoF : A New Storage Architecture to Push Storage Performance

Wednesday Birds-of-a-Feather Meetings

- 3:00 PM - 4:00 PM

- "No-compromise" NVMe/TCP Deployment Using Server Storage I/O Offload
- SDXI (Smart Data Accelerator Interface) Discussion with SDXI TWG Members

- 4:00 PM - 5:00 PM

- What's New in SFF? Another Conversation with Very Opinionated Experts
- Computational Storage Advances

- 5:00 PM - 6:00 PM

- Storage Device-Level Power Efficiency Measurement Specification

SNIA SMB3 Interoperability Lab

- September 27-29, 2021

- Vendors bring their implementations of SMB3 to test, identify, and fix bugs in a collaborative setting with the goal of providing a forum in which companies can develop interoperable products.
 - SMB3 is now able to communicate over QUIC, a new internet standard transport which is being broadly adopted for web and other application access.
 - Support for AES-GMAC authentication
 - Support for share compression
 - Support for encryption over RDMA

Navigating the Virtual Site

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Joining Slack Channels (Hallway Track)

- Slack e-mail invite for SDC 2021 workspace



Have a great SDC!

Thank you Attendees, Speakers, and Sponsors