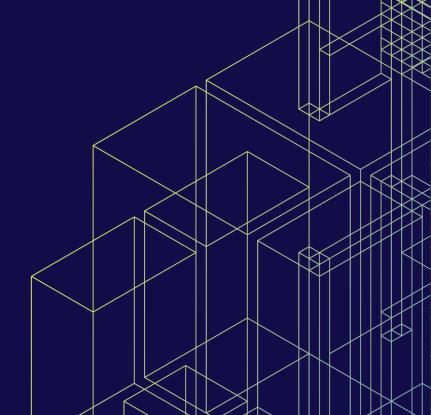


Storage Developer Conference September 22-23, 2020

Welcome to SDC 2020





# Welcome

Michael Oros, Executive Director, SNIA

#### **About SNIA**

SD@

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

# Thank You!! Attendees, Speakers, and Sponsors

Underwriter



Platinum Sponsors

Silver Sponsors







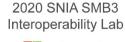


Gold Sponsors

















**Association Partners** 



















Sponsors as of 9.21.20



#### **Navigating the Virtual Event Site**



LOBBY

AGENDA

SPONSORS

SPEAKERS

BOFS

SMB3 IO LAB

**PMEM BOOTCAMP** 



LOG

**CONNECT AT SDC** 

THANKS FOR JOINING US VIRTUALLY!

#### STORAGE DEVELOPER CONFERENCE 2020

Produced by developers for developers, SDC is proud to offer a conference program that will inform you on the latest technologies. SDC also provides important virtual opportunities for networking with your industry peers and leaders.

130+

**Breakout Sessions** 

7

**Keynote Presentations** 

140+

**Hours of Content** 

9

Hands on Live Sessions

2020 Storage Developer Conference. © SNIA All Rights Reserved.



8:00 AM	PMEM Programming Boot Camp
8:00 AM	SNIA SMB3 Interoperability Lab
8:30 AM – 8:40 AM	SDC 2020 Kickoff
8:40 AM - 11:20 AM	Keynote Presentations
11:20 AM	Breakout Sessions Available On-Demand
3:00 PM - 6:00 PM	Birds-of-a-Feather Sessions



#### **Tuesday Keynote Speakers**

- Introducing SDXI (Smart Data Acceleration Interface): A New SNIA TWG to Standardize a Memory to Memory Data Movement and Acceleration Interface
  - Shyamkumar Iyer, Distinguished Member of Technical Staff, Dell Office of CTO, Dell
  - Richard Brunner, Principal Engineer and CTO of Server Platform Technologies, VMware
- Unlocking the Potential of Flash with the New Open Source Software-Enabled Flash™ API
  - Eric Ries, SVP Memory and Storage Strategy Division, KIOXIA America Inc.
- Storage Next: Disruption, Opportunities and Funding Insights
  - Parag Kulkarni, Chief Operating Officer, Calsoft
  - Vipin Shankar, VP of Engineering, Calsoft
- Caching on PMEM: an Iterative Approach
  - Yao Yue, Sr. Staff Software Engineer, Twitter
  - Juncheng Yang, Carnegie Mellon University & Twitter



# Wednesday Keynote Speakers

8:30AM Pacific Time

- Analog Memory-based techniques for Accelerating Deep Neural Networks
  - Sidney Tsai, Research Staff Member, Manager, IBM
- What's going on with NVMe? An Examination of New Technology Adoption
  - Mike Scriber, Sr. Director, Server Solution Management, Supermicro
- Amazon Elastic File System: Building Blocks for a Cloud-Native File System
  - Jacob Strauss, Principal Engineer, Amazon



#### **Tuesday Birds-of-a-Feather Meetings**

- 3:00 PM 4:00 PM
  - Windows File Server Protocol Test Suite Cross Platform Meetup
  - Computational Storage Matures
- 4:00 PM 5:00 PM
  - Meet the Experts and Speed your SNIA Swordfish™ Implementation of NVMe™ and NVMe-oF™ - Sharpen Your Sword to Hone Your Edge in Storage Management
  - Persistent Memory BoF
- 5:00 PM 6:00 PM
  - SNIA NVMe
  - EDSFF: It's More than Just Storage, A Conversation with Very Opinionated Experts

## Wednesday Birds-of-a-Feather Meetings

- 3:00 PM 4:00 PM
  - Building the Software-Enabled Flash™ Community
  - Friends of Linux Kernel AFS Meetup
- 4:00 PM 5:00 PM
  - Blockchain Technology and Its Role in the Storage Networking Industry



#### **SDC 2020 Special Programs**

- SNIA Persistent Memory Hackathon and Bootcamp Program
  - September 21-23, 2020
  - Participants can program a variety of persistent memory code examples in a cloud environment, develop simple applications, and receive coaching along the way.
- SNIA SMB3 Interoperability Lab
  - September 21-23, 2020
  - 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.

#### **Navigating the Virtual Event Site**



LOBBY

AGENDA

SPONSORS

SPEAKERS

BOFS

SMB3 IO LAB

**PMEM BOOTCAMP** 



LOG

**CONNECT AT SDC** 

THANKS FOR JOINING US VIRTUALLY!

#### STORAGE DEVELOPER CONFERENCE 2020

Produced by developers for developers, SDC is proud to offer a conference program that will inform you on the latest technologies. SDC also provides important virtual opportunities for networking with your industry peers and leaders.

130+

**Breakout Sessions** 

7

**Keynote Presentations** 

140+

**Hours of Content** 

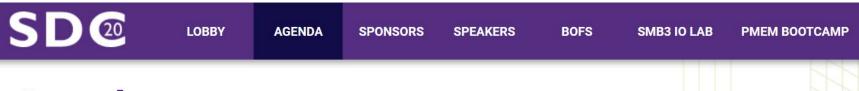
9

Hands on Live Sessions

2020 Storage Developer Conference. © SNIA All Rights Reserved.



### **Navigating the Virtual Event Site**



#### Agenda

Tracks All Days Tue Sep 22 Wed Sep 23 Favorites

- Agenda: Watch the track overviews for quick peak
- Favorites: click on ☆ next to sessions to build your custom agenda...and view list in "Favorites"
- Please give feedback and rate sessions/speakers
- Event Support: "Help" on top navigation

# Joining Slack Channels (Hallway Track)



LOBBY

**AGENDA** 

SPONSORS

**SPEAKERS** 

BOFS

**SMB3 IO LAB** 

**PMEM BOOTCAMP** 

## **Agenda**

**Tracks** 

All Days

Tue Sep 22

Wed Sep 23

**Favorites** 

Slack e-mail invite for SDC 2020 workspace

Slack <feedback@slack.com>

SDC 2020 has invited you to work with them in Slack

#### Join your team on Slack

Join Now

SDC 2020 (arnold@snia.org) has invited you to use Slack with them

HALLWAY TRACK CHAT أ



Thank you Attendees, Speakers, and Sponsors