

# Opening Remarks Day 2

Presented by David McIntyre, SNIA PM+CS Summit Chair

# Welcome to our 10<sup>th</sup> annual Summit!

# SNIA- The Storage Networking Industry Association

- The worldwide trusted authority for “all things storage”
- Develops industry-leading architectures and standards
- Delivers vendor-neutral educational content and events
- The collaborative industry association for storage companies

Industry Leading  
Organizations



**180**

Active Contributing  
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**2,500**

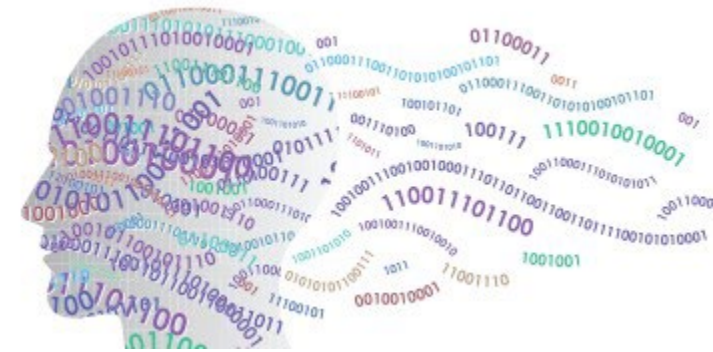
IT End Users &  
Storage Pros  
Worldwide



**50,000**

## ■ Our 2022 Summit features:

- 35 sessions on
  - Computational Storage
  - Persistent Memory
  - Solid State Storage
  - Computational Memory/Implementations
- 40 speakers leading technology developments
- Opportunities for you to network and engage via our Summit slack channels and SNIA's famous Birds-of-a-Feather technical discussions



# Mainstage Agenda – Wednesday May 25

**SNIA PERSISTENT MEMORY + SUMMIT 2022 COMPUTATIONAL STORAGE**  
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HPC For Science Based Motivations for Computation Near Storage

**Gary Grider**, HPC Division Leader, Los Alamos National Laboratory

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Compute Express Link (CXL): Advancing the Next Generation of Data Centers

**Alan Benjamin**, CXL Consortium, President and CEO, GigaIO

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Computational Storage for Storage Applications

**Andy Walls**, Chief Architect, IBM Fellow, IBM Corporation

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Persistent Memory Breaks Through the Clouds

**Charles Fan**, CEO and Founder, MemVerge

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GPU+DPU for Computational Storage

**Rob Davis**, Vice President of Storage Technology, NVIDIA

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The Latest Efforts in the SNIA Computational Storage Technical Work Group

**Scott Shadley and Jason Molgaard**, Computational Storage Technical Work Group Co-Chairs, SNIA

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SNIA SDXI TWG and Its Forays Towards Standardizing Memory Data Movement

**Shyamkumar Iyer**, Smart Data Accelerator Initiative (SDXI) Technical Work Group Chair, SNIA

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Summit Panel with Mainstage Speakers

Moderated by **Dave Eggleston**, Principal, Intuitive Cognition Consulting

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Livestreamed at the listed times on the Summit homepage –then available on demand



## Persistent Memory Breakouts

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Enabling Memory Tiering in the CacheLib

**Daniel Byrne**, Cloud Software Engineer, **Intel Corporation**

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Persistent Memory-based Storage Node for HPC Domain

**Harikrishnan b.**, Scientist, **Centre for Development of Advanced Computing**

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## Computational Storage Breakouts

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Application Requirements for Wider Adoption of Computational Storage Technology

**Ramdas Kachare**, Sr. Director, System Architecture, MSL, **Samsung Semiconductor, Inc**

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Computational Storage: How Do NVMe and SNIA CS Work Together

**William Martin**, Technical Council Co-Chair, **SNIA**

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Organic Redesign of Abstractions for Computational Storage Devices using CISCops

**Sudarsun Kannan**, Assistant Professor, **Rutgers University**

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File System Acceleration using Computational Storage for Efficient Data Storage

**Srija Malyala**, Software Developer, **Advanced Micro Devices**  
**Vaishnavi S G**, Software Developer, **Advanced Micro Devices**

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Programming with Computational Storage

**Oscar Pinto**, Principal Software Architect, **Samsung Semiconductor**

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## Computational Memory/Implementations Breakouts

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Computational Memory: Moving Compute near Data with Kestral

**Pekon Gupta**, Solutions Architect, **SMART Modular Technologies**

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Evolving Storage for a New Generation of AI/ML

**Somnath Roy**, Principal Engineer, System Architecture, **Samsung Semiconductor**

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How CXL Will Change the Data Center

**Bernie Wu**, VP Strategic Alliances, **MemVerge**

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# Join SNIA at These Events in 2022



**Storage Developer Conference**  
September 12-15, 2022  
Fremont Marriott Silicon Valley



**Storage Developer Conference India**  
Virtual Conference, August 5-6, 2022



**Storage Developer Conference EMEA**  
Virtual Conference, June 14, 2022

**To attend, or to speak or sponsor, visit:**  
<https://www.snia.org/news-events/storage-developer-conference>