



# STORAGE VISIONS® 2018

AN ENTERTAINMENT STORAGE ALLIANCE™ EVENT



## AGENDA

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### PROGRAM:

#### Day 1 - Monday October 22, 2018

**7:30 to 8:00 AM Continental Breakfast**

**8:00 to 8:15 AM Introduction and Industry Status: Tom Coughlin, Coughlin Associates**

**8:15 to 9:45 AM A1: Circling the Wagons—Memory/storage-centric computing**

Persistent memory gives us the capability to access content quicker than ever before and save power. This gives us the ability to build new computing architectures that revolve around moving processing to compute, rather than data to processors. This session explores that developments in hardware and software that enable the next generation of local and networked memory/storage centric computing.

**9:45 to 10:00 AM Morning Break**

**10:00 to 10:30 AM Keynote 1**

**10:30 AM to 12:00 PM B1: Good Monsters—Emerging memory technologies battle the data horde**

Emerging non-volatile solid-state storage technologies are set to replace or supplement DRAM in many applications. New fabric technologies will enable fast network storage using NVMe devices. From enterprise to embedded consumer applications the tools for taming the vast data beast are coming into place. This session will show you how you can put these new technologies to use in your most daunting applications.

**12:00 to 1:30 PM Lunch**

**1:30 to 2:00 PM Keynote 2**

**2:00 AM to 3:00 PM C1: Analyst Perspectives: How will we manage the data apocalypse?**

What trends are driving VCs and investors in new storage start-ups and acquisitions that will help us deal with a tsunami of data? What are emerging storage applications that will drive market growth? What do leading analysts think will be the balance between storage in the cloud, on the edge, in local storage systems, consumer electronics and computers? What are the trends and technologies that will drive the growth of business, professional entertainment and consumer storage markets?

### **3:00 to 4:00 PM D1: Epic Battles with Classic Heros—Flash, HDDs and Tape slay data challenges**

Find out about the latest developments in flash memory, hard disk drives and magnetic tape. Flash is moving into many markets that HDDs have dominated but HDDs and magnetic tape are still playing important roles in long term storage. This session explores the battle of the road maps for what technologies will help us meet the challenges of an ocean of data needing analysis and action. It will also look at the emerging hierarchy of memory and storage that will dominate the future

memory/storage landscape.

### **4:00 to 4:30 PM Afternoon Break and Networking**

### **4:30 to 5:30 PM E1: Epic Proportions--Storage for high resolution content capture and production**

This session addresses digital storage and the requirements for capturing, rendering, editing and archiving content. File-based and object-based workflows, 4K and even 8K content, as well as multi-camera video are transforming the media industry. Large distributed content libraries support an increasing diversity of content delivery methods while raw video content of several petabytes is not uncommon for a single project.

### **5:30 to 6:15 PM F1: Media and Entertainment Storage End Users on Surviving the Data Apocalypse**

The world revolves around visual images and the size and number of these images is exploding with higher resolution, HDR content and more cameras per project. Video is probably the single biggest driver in the data apocalypse. This session includes media and entertainment insiders who will talk about their experience and solutions to tame the data beast. Find out what data and storage needs are for creative people today and tomorrow?

### **6:15 to 8:00 PM Reception**

## **Day 2 - Tuesday October 23, 2018**

### **7:30 to 8:00 AM Continental Breakfast**

### **8:00 to 9:30 AM A2: Software Visions for High Performance Applications—Holding the beast at bay**

New digital storage technologies and persistent memory are driving dramatic changes in the requirements for storage management and interfaces. This session will explore how these new memory technologies are changing the way we work with data and leading to new efficiencies and applications. Software defined storage and networking and artificial intelligence will change the way we work and connect disparate data in order to do more and turn the onslaught into a stream of benefits.

### **9:30 to 10:00 AM Keynote 3**

### **10:00 to 10:30 AM Morning Break**

### **10:30 AM to 12:00 PM B2: Big Data and Small Pipes: How will we get data where it needs to be?**

As file sizes continue to grow and the number of users and files increase dramatically, moving content to be available wherever and whenever through the Internet becomes more difficult. Cloud storage is the current solution, but can we make a more effective use of edge storage as well. How about reaching the people who aren't well connected now—various solutions abound, which will happen? New format standards, like SMPTE's IMF, will help control the flood of distributed content but can we use technologies like AI, blockchain to improve our ability to reliably and securely deliver content to people. This session will help you plan for your content distribution future.

### **12:00 AM to 1:00 PM Lunch and Exhibits**

### **1:00 to 1:30 PM Keynote 4**

### **1:30 to 3:00 PM C2: Don't Fear the Reaper—Storing data for the long term**

The data apocalypse will result in more data that has long term value than ever before. This data won't last forever unless content owners create rational archives that includes good metadata and digital asset management. Today's archives serve as active libraries for a multitude of content distribution networks as well as long-term content repositories. As the complexity and resolution of digital content increases, archiving technology will play a bigger role in making sure today's content survives. There are new standards for keeping data for the long term that involve packing long term immutable content as well as growing content metadata. This session will help you keep on top of the latest developments for managing the wave of data growth so you can have an effective long-term data protection plan.

### **3:00 to 3:30 PM Afternoon Break**

### **3:30 to 4:30 PM D2: Managing the Threat Above—Can clouds and AI deal with burgeoning data growth?**

Distributing content as well as on-line back-up and disaster recovery are driving demand for remote storage. Cloud storage now includes personal clouds as well as storage as a service and may use private clouds, public clouds or a hybrid of the two. AI and other tools are increasing being used to discover and manage digital content, often using cloud-based tools. This session exposes the storage requirements and trends for remote storage technologies and management as well as on-line content for cloud-based applications. Learn about new business opportunities and how they'll impact the growth and use of storage in this growing market.

**4:30 to 5:30 PM E2: Apocalypse or Opportunity—Business leaders address the challenges and promise of ubiquitous data**

As the amount of data collected grows, concerns about privacy have grown as well. The EU GDPR shows the trend towards greater personal privacy in our digital age. We need new ways to manage vast amounts of information on everything going on in our world. Various artificial intelligence algorithms will increase the metadata available and help us detect trends and situations. New business opportunities abound that can effectively manage this information to provide new services and ways to engage with other companies as well as individuals on an ongoing and contingency basis, while protecting their personal information. Find out from leaders in several industries how technology will help them meet these challenging requirements.

**5:30 PM Conference Ends**