Persistent Memory

- Track focused on PMEM technologies, PMEM trends and PMEM-aware applications

- Related tracks: File Systems, NVMe, NVMe-oF

- Related BoF: Persistent Memory BoF on Tuesday

Persistent Memory Sessions

- **Technologies**
  - ✓ **Persistent Memory Programming Without All That Cache Flushing** (Andy Rudoff, Intel)
  - ✓ **Update on the JEDEC DDR5 NVRAM Specification** (Bill Gervasi, Nantero)
  - ✓ **Is Persistent Memory Persistent?** (Terence Kelly and Haris Volos)
- **Trends**
  - ✓ **Challenges and Opportunities as Persistence Moves Up the Memory/Storage Hiera**rchy (Jim Handy, Objective Analysis and Thomas Coughlin, Coughlin Associates)
  - ✓ **Persistent Memory + Enterprise-Class Data Services = Big M**emory (Charles Fan, MemVerge)
  - ✓ **How can persistent memory make database faster, and how could we go ahead?** (Takashi Menjo, NTT)
  - ✓ **Exploring New Storage Paradigms and Opportunities with Persistent Memory Technology** (Daniel Waddington, IBM)
- **Applications**
  - ✓ **SplitFS: Reducing Software Overhead in File Systems for Persistent Memory** (Vijay Chidambaram, UT Austin)
  - ✓ **Mortimer: A high performance scale out storage for persistent memory and NVMe S**SDs (Anjaneya Chagam, Intel)
  - ✓ **RPMP: A Remote Persistent Memory Pool to accelerate data analytics and AI** (Jian Zhang, Intel)
  - ✓ **Scaling PostgreSQL with Persistent Memory** (Naresh Kumar Inna and Keshav Prasad, Memhive)
  - ✓ **Accelerate Big Data Workloads with HDFS Persistent Memory Cache** (Feilong He and Jian Zhang, Intel)

Maximize your SDC 2020 Experience

- Participate in our online chat for this track at <TBD>

- Check out the Birds of a Feather (BoF) sessions

- Please be sure you rate each session you watch – you'll see a box under the video

- For additional details see the *Introduction to Virtual SDC* video (https://www.snia.org/SDCintro)

- ***Enjoy the SDC 2020 virtual event!***