

## **Transforming AI and ML: CXL Memory Expansion and Programmability Showcase at SC24**

*Explore the latest additions to the SNIA Persistent Memory Programming Workshop and Hackathon, now featuring exercises specifically designed for CXL memory modules.*

Experience our demonstration of CXL memory expansion and programmability, designed to meet the demanding requirements of AI and machine learning applications.

**Product:** SMART 4-DIMM DDR5 256GB FHHL single-width, PCIe Add-in-Card utilizing the CXL<sup>™</sup> standard

**System:** Intel® Xeon 6 with CXL<sup>™</sup> support

**Performance:** 256GB running at ~45GB/s with a latency of ~200ns

**Tool:** Intel's Memory Latency Checker (MLC) showcasing real-time memory bandwidth and latency metrics.

### **Hands-on Programming Experience**

Join us to discover how CXL technology is transforming high-performance computing, enabling unprecedented scalability and performance for next-generation applications.

Access the workshop at [www.snia.org/pmhackathon](http://www.snia.org/pmhackathon)