

## **Emerging Storage Technology Panel**

( Thursday 4/14/2005, 10:30am – 12:00 pm)

22nd IEEE - 13th NASA Goddard (MSST2005)  
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Chair: Dick Watson, Lawrence Livermore National Laboratory

### **Abstract**

Conference attendees continue to be highly interested in the future and relative position of traditional magnetic disk and tape technologies and the future of newer emerging technologies. They want to come away with a perspective on the relative positioning of these technologies and prospects for their future. With the increasing demand for storage there is a growing requirement for storage media products with higher I/O throughput, higher density and corresponding smaller footprint and cost/terabyte (both initial purchase and operational). This panel will provide a perspective on the future of several technologies/products that are at various stages of maturity, development and market readiness. The focus will be on products for the middle to high-end storage media marketplace. It will outline the current development and productization status of the products, their roadmap for I/O and capacity and cost specifications and anticipated application space(s).

1. User perspective [Mark Gary - LLNL]
2. Magnetic disk [ Dave Anderson – Seagate]
3. Magnetic Tape [Glen Jaquette - IBM]
4. MAID [ Alope Guha – Copan]
5. Holographic Storage [Kevin Curtis – Inphase Technologies]
6. Perspective on existing and emerging storage technologies [Gordon F. Hughes – Center for Magnetic Recording Research UCSD]