Abstract:

**The Exciting Future of Archive Data Storage Technologies**

This presentation will explain the need for very large, inexpensive archives as we experience the data explosion, and why a tiered storage architecture is critical for these large archives. We will present and discuss the trends for the main storage devices, flash, disk, and tape, their role in the tiered storage architecture, and why tape will play a key role in the archive storage tier. New technologies for tape, disk and flash, both present and future, will be discussed.

Bio

Dr. Robert Raymond

Director of Hardware Development, Oracle StorageTek Tape Storage.

Bob is responsible for advanced tape systems development. In addition, he is responsible for analyzing new and competitive storage technologies. Bob has 37 years of experience in the storage industry working at IBM, Digital, StorageTek, Sun and now Oracle. Over this time Bob has managed many advanced data storage technology development activities, including disk and tape recording heads, disk media, tape drives and storage management and archive software. He received his Ph.D. in electrical engineering from the University of Colorado.